

Well Log Filed

11-204-59

Gamma Ray-Neutron
log

			0
		4	

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City
Lease No. U-01191
Unit DeKalb, et al # 7
Ute Trail Unit

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	<input checked="" type="checkbox"/>	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	
NOTICE OF INTENTION TO CHANGE PLANS.....		SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....		SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....		SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....		SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....		SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....			

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

October 8, 1959

Well No. 7 is located 660 ft. from N line and 660 ft. from E line of sec. 4

NE NE Sec. 4 (1/4 Sec. and Sec. No.) T-10-S, R-22-E (Twp.) (Range) SLM (Meridian)
Wildcat (Field) Uintah (County or Subdivision) Utah (State or Territory)

The elevation of the derrick floor above sea level is _____ ft. **Not Run**

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Spud in Uintah formation. Drill to approximate 5500' with Rotary Tools. Set 200' of 13-3/8" Surface Casing, cement with 200 sacks. Will set approx. 1700' of Intermediate 8-5/8" Casing if needed, cement with 300 sacks Production Casing 5500' of 5-1/2" 15.5#, J-55 Casing, cement with 500 sacks Will drill with water to 1000', then convert to gasiated water, mud up if hole begins to cave. Will core and test if we encounter gas shows or sand developments. Anticipated formation tops: Green River 1200', Wasatch 4130'.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company DeKalb Agricultural Association, Inc.

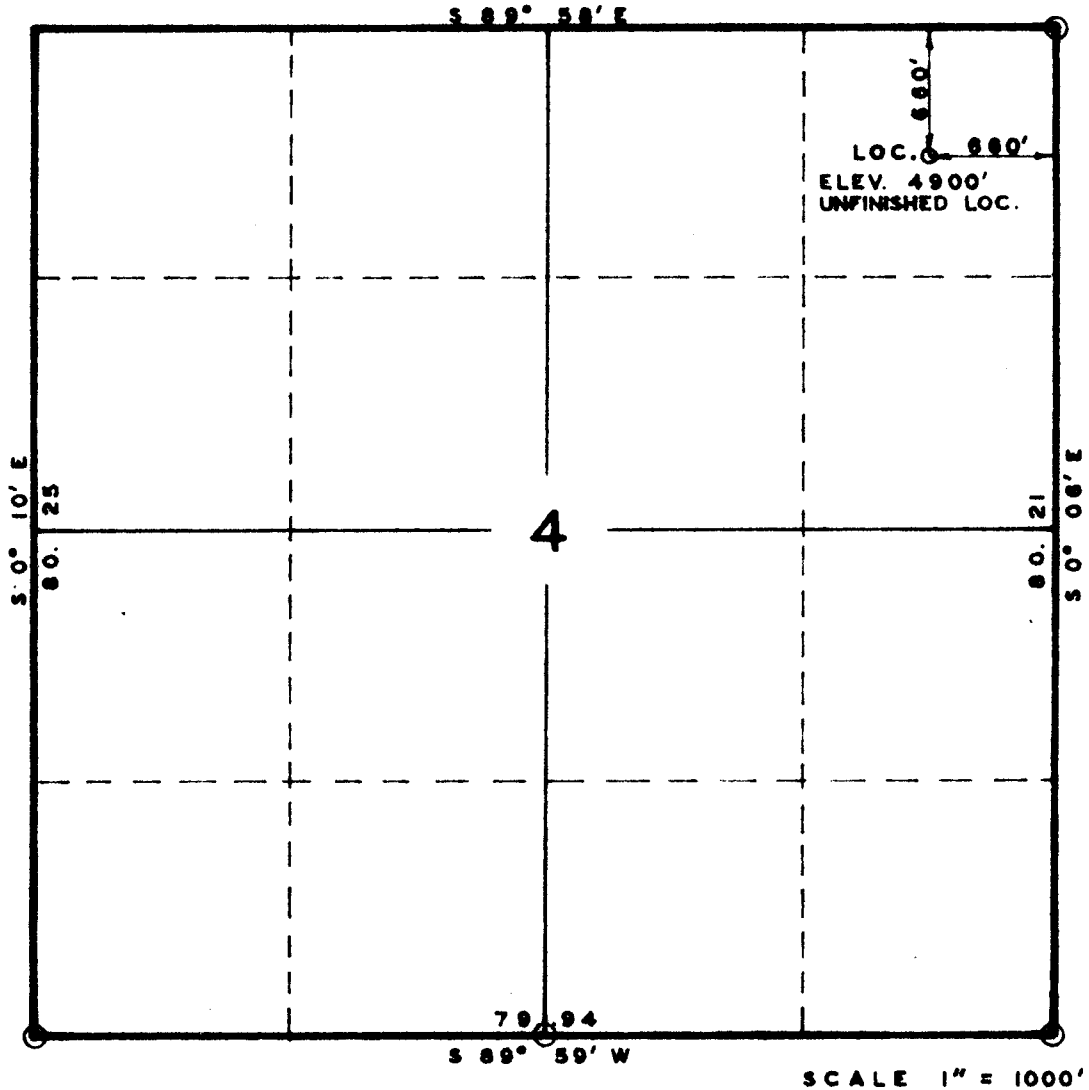
Address P. O. Box 523

Vernal, Utah

By Saul Singh

Title Vice-President

T 10S, R22E



○ CORNERS FOUND (STONE)
ELEVATION TAKEN FROM HAVENSTRITE WELL UTE TRAIL UNIT 83 X - 9H

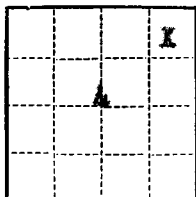
BY: ROSS CONSTRUCTION CO.
VERNAL, UTAH

R. D. Ross

PARTY N. MARSHALL
G. KERBY
L. TAYLOR
WEATHER COOL CLOUDY

SURVEY
DEKALB AGRICULTURAL ASSOCIATION INC.
UTE TRAIL UNIT NO. 7, LOCATED IN NE 1/4
OF NE 1/4, SECTION 4, T10S, R22E, SLB & M,
UINTAH COUNTY, UTAH.

DATE 5 & 6 OCT., 1959
REFERENCES
O. L. O. PLAT
FILE DE KALB



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City
Lease No. U-01191
Unit DeKalb, et al # 7
Ute Trail Unit

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	<input checked="" type="checkbox"/>
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
NOTICE OF INTENTION TO RE-DRILL OR REPAIR WELL.....	SUBSEQUENT REPORT OF RE-DRILLING OR REPAIR.....	
NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

October 19, 1959

Well No. 7 is located 660 ft. from [N] line and 660 ft. from [E] line of sec. 4
NE 1/4 NW 1/4 Sec. 4 T-10-S, R-22-E S. L. M.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wilcoet Uintah Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4900 ft. C. L.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Spudded 3:00 A. M. October 14, 1959. Drilled 12-1/4" hole to 172', reamed to 17-1/2" hole to 170'. Ran 6 Jts., Rg. 2, 13-3/8", 48#, J-55, Sals Casing, measured 173.30', Set at 169' K. B. Cemented with 200 Sacks regular cement, plus 2" Cal. Ch. Cement circulated to surface. Plug down 5:05 A. M. October 15, 1959.

October 17, 1959, tested casing to 1,000 psi, no loss in pressure. Drilled out from under surface at 5:30 A. M. October 17, 1959. Now drilling ahead.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company DEKALB AGRICULTURAL ASSN., INC.
Address Box 523
Vernal, Utah
By [Signature]
Title Production Supt.

			X

(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office Salt Lake City
Lease No. U-01191
Unit DeKalb, et al # 7
Ute Trail Unit

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	X
NOTICE OF INTENTION TO CHANGE PLANS.....	SUBSEQUENT REPORT OF SHOOTING OR ACIDIZING.....	
NOTICE OF INTENTION TO TEST WATER SHUT-OFF.....	SUBSEQUENT REPORT OF ALTERING CASING.....	
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NOTICE OF INTENTION TO SHOOT OR ACIDIZE.....	SUBSEQUENT REPORT OF ABANDONMENT.....	
NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

October 28, 19 59

Well No. 7 is located 660 ft. from [N] line and 660 ft. from [E] line of sec. 4
NE 1/4 W 1/4 Section 4 7-10-7, 8-22-1 T. 1. N.
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat Utah Utah
(Field) (County or Subdivision) (State or Territory)

The elevation of the derrick floor above sea level is 4200 ft. G. L.

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Total Depth 3552' as of October 24, 1959. Ran 58 Jts. of 8-5/8", 32#, J-55 Reg. 2 Casing, measured 1804.9', set at 1802', cemented with 300 sacks regular cement, plus 25 Gal. Ch. Plug Down 5:00 P. M. October 24, 1959. Tested casing with 1,000# psi, no loss in pressure, drilled out plug to resume drilling operations.

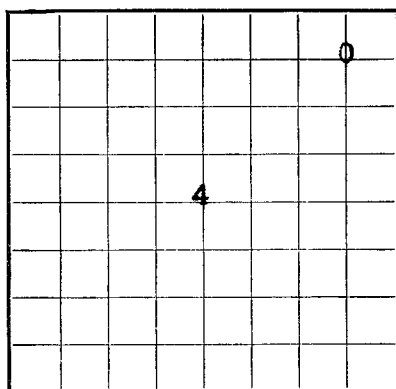
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company DeKalb Agricultural Assn., Inc.
Address Box 523
Vernal, Utah
By J. R. Ray
Title Production Supt.

U. S. LAND OFFICE Salt Lake City
SERIAL NUMBER U-01191LEASE OR PERMIT TO PROSPECT
DeKalb Et Al #7UNITED STATES Ute Trail Unit

DEPARTMENT OF THE INTERIOR

GEOLOGICAL SURVEY



LOCATE WELL CORRECTLY

LOG OF OIL OR GAS WELL

Company DeKalb Agricultural Assn. Inc. Box 523, Vernal, Utah
 Lessor or Tract Ute Trail Unit Field Wildcat State Utah
 Well No. 7 Sec. 4 T. 10S R. 22E Meridian S.L.M. County Uintah
 Location 660 ft. {N. of N. Line and 660 ft. {E. of E. Line of Section 4 Elevation 4912' KB
(Derrick floor relative to sea level)

The information given herewith is a complete and correct record of the well and all work done thereon
 so far as can be determined from all available records.

Signed

Date November 24, 1959Title Geologist

The summary on this page is for the condition of the well at above date.

Commenced drilling October 14, 1959 Finished drilling October 30, 1959

OIL OR GAS SANDS OR ZONES

(Denote gas by G)

No. 1, from 5040 to 5088 No. 4, from 3150 to 3212
 No. 2, from 5115 to 5136 No. 5, from _____ to _____
 No. 3, from _____ to _____ No. 6, from _____ to _____

IMPORTANT WATER SANDS

No. 1, from 2690 to 2730 No. 3, from _____ to _____
 No. 2, from 2945 to 2970 No. 4, from _____ to _____

CASING RECORD

Size casing	Weight per foot	Threads per inch	Make	Amount	Kind of shoe	Cut and pulled from	Perforated		Purpose
							From—	To—	
<u>13-3/8"</u>	<u>48#</u>	<u>8rd</u>	<u>J-55</u>	<u>173</u>	<u>None</u>				<u>Surface</u>
<u>8-5/8"</u>	<u>32</u>	<u>8-rnd</u>	<u>J-55</u>	<u>1804</u>					<u>Intermediat</u>
<u>5-1/2"</u>	<u>15.5</u>	<u>8-rnd</u>	<u>J-55</u>	<u>\$512</u>	<u>Howed</u>		<u>5054</u>	<u>5081</u>	<u>Production</u>
							<u>5116</u>	<u>5130</u>	

MUDDING AND CEMENTING RECORD

Size casing	Where set	Number sacks of cement	Method used	Mud gravity	Amount of mud used
<u>13-3/8"</u>	<u>169'</u>	<u>200 sacks 2% CaCl</u>	<u>Pump & Plug</u>	<u>Water</u>	<u>Hole full</u>
<u>8-5/8"</u>	<u>1802'</u>	<u>300 sxs 2% Ca Cl</u>	<u>Pump & Plug</u>	<u>Water</u>	
<u>5-1/2"</u>	<u>5510'</u>	<u>400 sxs</u>	<u>Pump & Plug</u>	<u>9.5#</u>	<u>250 bbls.</u>

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____

Adapters—Material _____ Size _____

SHOOTING RECORD

FOLD MARK

FOLD MARK

13-3/8"	169'	200 sacks 2% CaCl	Pump & Plug	Water	Hole full
8-5/8"	1802"	300 sacks 2% Ca Cl	Pump & Plug	Water	
5-1/2"	5510'	400 sacks	Pump & Plug	9.5#	250 bbls.

PLUGS AND ADAPTERS

Heaving plug—Material _____ Length _____ Depth set _____
 Adapters—Material _____ Size _____

SHOOTING RECORD

Size	Shell used	Explosive used	Quantity	Date	Depth shot	Depth cleaned out
3/4"	Torp. Jet	52 Gram	2/ft	11/7/59	5054-81 5116-30	5427'

TOOLS USED

Rotary tools were used from 0 feet to 5510 feet, and from _____ feet to _____ feet
 Cable tools were used from _____ feet to _____ feet, and from _____ feet to _____ feet

DATES

November 24, 19 59 Put to producing Shut in Nov. 24, 1959

The production for the first 24 hours was _____ barrels of fluid of which _____% was oil; _____% emulsion; _____% water; and _____% sediment. Gravity, °Bé. _____

If gas well, cu. ft. per 24 hours 7.5 MMCF/GPD Gallons gasoline per 1,000 cu. ft. of gas _____

Rock pressure, lbs. per sq. in. 2500 PSI

EMPLOYEES

Ralph Murray, Pusher, ~~XXXX~~ Bert Greenhew, Driller
 Larry Caldwell, Driller Leo Jorgenson, Driller

FORMATION RECORD

FROM—	TO—	TOTAL FEET	FORMATION
0	1140	1140'	Uintah Sample Top
1140	4333	3193'	Green River 1140
4333	5510	1177'	Wasatch 4333
			T. D. 5510'

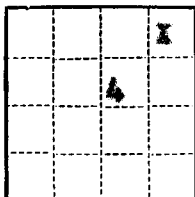
FORMATION RECORD—Continued

HISTORY OF OIL OR GAS WELL

It is of the greatest importance to have a complete history of the well. Please state in detail the dates of redrilling, together with the reasons for the work and its results. If there were any changes made in the casing, state fully, and if any casing was "sidetracked" or left in the well, give its size and location. If the well has been dynamited, give date, size, position, and number of shots. If plugs or bridges were put in to test for water, state kind of material used, position, and results of pumping or bailing.

Hole drilled with gasiated water from under surface casing to total depth. Spotted 9.5# mud to facilitate running casing.

EXPLANATION OF ABBREVIATIONS**LIST OF ABBREVIATIONS****EXPLANATION OF ABBREVIATIONS****EXPLANATION OF ABBREVIATIONS****EXPLANATION OF ABBREVIATIONS**



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Salt Lake City**
Lease No. **U-01191**
Unit **DeKalb, et al # 7**
UTE TRAIL UNIT

SUNDRY NOTICES AND REPORTS ON WELLS

NOTICE OF INTENTION TO DRILL.....	SUBSEQUENT REPORT OF WATER SHUT-OFF.....	X
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NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

November 3, 19**59**

Well No. **7** is located **660** ft. from **[N]** line and **660** ft. from **[E]** line of sec. **4**
NE/4 NE/4 Sec. 4 **T-10-S, R-22-E** **S. L. M.**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wilcox **Uintah** **Utah**
(Field) (County or Subdivision) (State or Territory)

The elevation of ~~the center floor~~ above sea level is **4900** ft. **Ground Level**

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudding jobs, cementing points, and all other important proposed work)

Total Depth 5510'

10-30-59: Ran 171 Jts- 5-1/2", J-55, 15.5# Casing, measured 5512.48', set at 5510' N. B.

Cemented with 400 sacks regular cement. Plug down 6:20 P. M. 10-30-59;

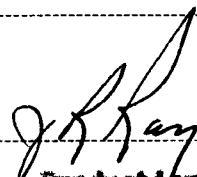
11-1-59: Ran temperature survey, found top of cement at 4050'. Will move in work over rig to run Gamma Neutron Log, then will perforate zones to be determined after the log is run, frac and complete.

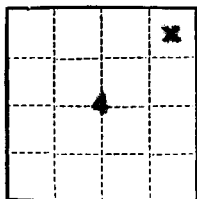
I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **DeKalb Agricultural Assn., Inc.**

Address **Box 523**

Vernal, Utah

By 
Title **Production Supt.**



(SUBMIT IN TRIPLICATE)

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

Land Office **Salt Lake City**
Lease No. **U-01191**
Unit **DeKalb, et al # 7**
Ute Trail Unit

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NOTICE OF INTENTION TO PULL OR ALTER CASING.....	SUPPLEMENTARY WELL HISTORY.....	
NOTICE OF INTENTION TO ABANDON WELL.....		

(INDICATE ABOVE BY CHECK MARK NATURE OF REPORT, NOTICE, OR OTHER DATA)

November 9, 19 **59**

Well No. **7** is located **660** ft. from **{N}** line and **660** ft. from **{E}** line of sec. **4**
NE/4 NE/4 Sec. 4 **T-10-S, R-22-E** **SLM**
(1/4 Sec. and Sec. No.) (Twp.) (Range) (Meridian)
Wildcat **Uintah** **Utah**
(Field) (County or Subdivision) (State or Territory)

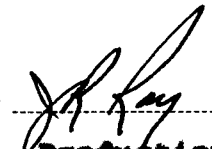
The elevation of the derrick floor above sea level is **4900** ft. **G.L.**

DETAILS OF WORK

(State names of and expected depths to objective sands; show sizes, weights, and lengths of proposed casings; indicate mudlogging jobs, cementing points, and all other important proposed work)

11-6-59: Perforated 2 shots per foot. 54 gram 5054-5081', 5116-5130'. Fraced with 450 bbls Salt Water, 35,000# Sand, 704# J-94, FLA, Average injection rate 26 bbls. per minute, Max. Pressure 2900#, Min. 2700#, Immediate shut in 1350#, 50 minute shut in 650#.
11-9-59: Flowing back after frac, making an estimate of 3 Million Cu. Ft. per day.

I understand that this plan of work must receive approval in writing by the Geological Survey before operations may be commenced.

Company **DeKalb Agricultural Assn., Inc.**
Address **P. O. Box 523**
Vernal, Utah
By 
Title **Production Supt.**

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE _____
LEASE NUMBER _____
UNIT Ute Trail Unit

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of December, 19 59

Agent's address Box 523 Company DeHalt Agricultural Assn., Inc.

Vernal, Utah

Signed [Signature]

Phone 1073

Agent's title Manager

SEC. AND ¼ OF ¼	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NENE 8	10S	22E	1	-0-	-0-	-0-	-0-	-0-	-0-	Shut In
NENE 17	10S	22E	2	-0-	-0-	-0-	-0-	-0-	-0-	Abandoned
NENE 16	10S	22E	3	-0-	-0-	-0-	-0-	-0-	-0-	Shut In
NENE 27	9S	20E	4	-0-	-0-	-0-	-0-	-0-	-0-	Shut In
NENE 23	9S	20E	5	-0-	-0-	-0-	-0-	-0-	-0-	Shut In
NENE 24	9S	20E	6	<u>1</u> 0-	-0-	-0-	-0-	-0-	-0-	Shut In
NENE 4	10S	22E	7	-0-	-0-	-0-	-0-	-0-	-0-	Shut In
NWNW 22	10S	22E	8	-0-	-0-	-0-	-0-	-0-	-0-	Shut In

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE _____
LEASE NUMBER _____
UNIT Ute Trail Unit

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Wildcat

The following is a correct report of operations and production (including drilling and producing wells) for the month of February, 19 60,

Agent's address Box 523 Company DeKalb Agricultural Assn., Inc.
Vernal, Utah Signed Paul Rugh

Phone 1073 Agent's title Manager

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL No.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
WENE 8	10S	22E	1	-0-	-0-	-0-	-0-	-0-	-0-	shut In.
WENE 17	10S	22E	2	-0-	-0-	-0-	-0-	-0-	-0-	Shut In. Abandoned.
WENE 16	10S	22E	3	-0-	-0-	-0-	-0-	-0-	-0-	Shut In.
WENE 27	9S	20E	4	-0-	-0-	-0-	-0-	-0-	-0-	Shut In.
WENE 23	9S	20E	5	-0-	-0-	-0-	-0-	-0-	-0-	Shut In.
WENE 24	9S	20E	6	-0-	-0-	-0-	-0-	-0-	-0-	Shut In.
WENE 4	10S	22E	7	-0-	-0-	-0-	-0-	-0-	-0-	Shut In.
WNW 22	10S	22E	8	-0-	-0-	-0-	-0-	-0-	-0-	Shut In.

NOTE.—There were No runs or sales of oil; No M cu. ft. of gas sold;

No runs or sales of gasoline during the month. (Write "no" where applicable.)

NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

P E
PMB

GAS PRODUCING ENTERPRISES, INC.

A Subsidiary of Coastal States Gas Producing Company
Phone (801) 789-4433
Vernal, Utah 84078

Mailing Address
P. O. Box 628

January 21, 1972

State of Utah, Department of Natural Resources
Division of Oil & Gas Conservation
1588 North Temple Street
Salt Lake City, Utah 84116

Attention: Cleon B. Feight

Dear Sir:

Please be advised that Gas Producing Enterprises, Inc.
has purchased from Tenneco Oil Company, effective on
December 8, 1971, the following wells:

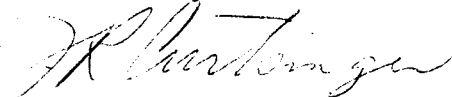
Nat. Buttes Unit-U-01191A, Sec. 5 NE $\frac{1}{4}$ NE $\frac{1}{4}$ T-10S R-22E - #1

Ute Trail Unit	-U-01196C,	Sec. 8	NE $\frac{1}{4}$ NE $\frac{1}{4}$	T-10S	R-22E	- #1
"	U-3276,	Sec. 16	NE $\frac{1}{4}$ NE $\frac{1}{4}$	T-10S	R-22E	- #3
"	U-01194A,	Sec. 34	NE $\frac{1}{4}$ SW $\frac{1}{4}$	T- 9S	R-21E	- #10
"	Utah 0581,	Sec. 29	NE $\frac{1}{4}$ SW $\frac{1}{4}$	T- 9S	R-21E	- #12
"	U-010950A,	Sec. 15	SE $\frac{1}{4}$ NW $\frac{1}{4}$	T- 9S	R-21E	- #13
"	U-01191,	Sec. 4	NE $\frac{1}{4}$ NE $\frac{1}{4}$	T-10S	R-22E	- #7
"		Sec. 22		T- 9S	R-20E	- #52X
"	U-01196,	Sec. 9	SW $\frac{1}{4}$ NE $\frac{1}{4}$	T-10S	R-22E	- #83X
"		Sec. 2		T-10S	R-21E	- #81X

Uintah Unit U-10755, Sec. 16 SE $\frac{1}{4}$ NE $\frac{1}{4}$ T-10S R-22E - #1

Bitter Creek Un.-U-037166, Sec. 34 SE $\frac{1}{4}$ NW $\frac{1}{4}$ T-10S R-22E - #1

Yours very truly,



J. R. Curtsinger, Division Manager

JRC/ev

PAND

WELL HISTORY

DEKALB ET AL
#7 UTE TRAIL UNIT
NE NE 4, T-10-S, R-22-E
UINTAH CO., UTAH

FORMATION TOPS FROM SAMPLES:

Spudded in Uintah Formation	
Green River Formation	980'
Wasatch Formation	4360'
Total Depth	5510'

LOGS: McCullough: Gamma-Ray-Neutron 100 to 5388'
Temperature Log 3000 to 4400'

DRILLING TIME: One foot drilling time was maintained from 170 to 5510 feet by means of mechanical recorder (Geolograph)

SAMPLE PROGRAM: Samples were caught at 10 foot intervals from surface to total depth, although some samples are missing from 1700 to 3550 feet due to a tremendous water flow.

CORES: No diamond or conventional cores were taken.

DRILL STEM TESTS: No tests were taken.

CHECK FOR GAS: When drilling with gasiated water the following method was used as a practical way to test porous gas bearing formation. T.D. 5140' Shut down for 95 minutes. Shut off gas and pumps but worked drill pipe ever five minutes to prevent sticking.
After 30" - well kicking out strong heads of gas and water.
After 45" - well kicking out strong heads of gas and water.
After 60" - well kicking out strong heads of gas.
After 80" - well kicking out strong heads of gas and water.
After 90" - well kicking out strong heads of gas.

MUD PROGRAM: Drilled with gasiated water from under surface casing to total depth. One hundred pounds of lime was added per hour to prevent corrosion of drill pipe. After penetrating the Wasatch red beds a minor amount of diesel oil, Driscose and gel was mixed in the water to prevent hole cave. upon reaching total depth the hole was filled with gel mud to facilitate running 5-1/2" casing.

WATER FLOWS: The well made considerable water from the fractured oil shales and from the thin sandstone streaks in the Green River formation. At 3552 feet the well was making an estimated 400 to 500 barrels of water per hour so intermediate pipe was set to 1802 feet.

LOST CIRCULATION: Inconsequential lost circulation zones were encountered in the fractured Green River oil shales. This was probably due to drilling with gasiated water.

OIL & GAS SHOWS: Residual oil stain was noted in porous sands of the Uintah formation as well as in the oil shales and sands of the Green River formation. Negligible amounts of gas were noted along with the large quantities of water from the Green River formation.

A small blow of gas occurred at 5047 feet during a trip for new bit, and probably came from drilling breaks 4952 to 62 and 5006 to 14 feet.

After encountering a good gas sand it is difficult to note any increase in a natural gas blow after penetrating subsequent gas sands so that it is unknown whether or not the sands below 5140 feet are gas bearing.

COMPLETION PROCEDURE: Zone 5054 to 5081' and 5116' to 5130': Perforated with 2 Torpedo Jet shots per foot. Fraced down tubing and casing with 18,900 gallons treated salt water and 35,000 pounds of 20/40 mesh sand. Formation broke at 3300 psi. Maximum treating pressure 2900 psi and minimum 2700 psi. Average injection rate 28 bbls per minute. Immediate shut in 1350 psi; 50 minute shut in 650 psi.

BIT RECORD

NO.	SIZE	MAKE	TYPE	DEPTH		FEET	HOURS
				FROM	TO		
1	12-1/4	HTC	Retip	0	172	172	14
2	17-1/4	REED	NEW CUTTERS	0	170	170	5-1/2
3	11	HTC	OSC-1G	170	477	307	12-1/2
4	11	HTC	OSC-3	477	1047	570	11-3/4
5	11	HTC	OWSV	1047	1341	294	10-1/2
6	11	HTC	OWSV	1341	1576	235	13-1/2
7	11	HTC	OSC-1G	1576	1802	226	12-1/4
8	7-7/8	SEC	M4N	1802	2000	198	5-1/4
9	7-7/8	REED	YSI	2000	2129	129	4
10	7-7/8	HTC	OWC	2129	2308	179	8
11	7-7/8	HTC	OWV	2308	2633	325	8
12	7-7/8	SEC	M4L	2633	2884	251	8
13	7-7/8	SEC	M4L	2884	3150	266	8-1/2
14	7-7/8	HTC	OWC	3150	3464	314	9-3/4
15	7-7/8	REED	YSI	3464	3552	88	2-1/2
16	7-7/8	SEC	M4L	3552	3930	378	9-3/4
17	7-7/8	SECq	M4L	3930	4236	306	8-1/2
18	7-7/8	HTC	OW	4236	4428	192	7-1/2
19	7-7/8	HCS	T-2	4428	4758	330	9-1/2
20	7-7/8	HCS	SV-2	4758	5037	277	8-1/2
21	7-7/8	SEC	M4N	5037	5310	273	9-3/4
22	7-7/8	REED	YM	5310	5510	200	6

- 4000-30 Shale light to dark gray, gray brown, sub-fissile to blocky, calcareous trace cream-tan, limestone scattered trace very fine grained, sandstone.
- 4030-70 Siltstone, sandstone white, very light gray, very light gray-green, very fine to fine grained calcareous, very slightly micaceous, firm to friable with trace very poor porosity and interbedded shale gray-green, green, sub-fissile to blocky slightly calcareous with scattered silty streaks slightly micro-micaceous.
- 4070-80 Siltstone, sandstone as above with interbedded green, gray-green shale, good trace shale brown, gray-brown, firm blocky with considerable interbedded sandstone, very light gray, very fine grained, calcareous, slightly argillaceous.
- 4080-4100 Shale, green, gray-green, gray-brown, brown, sub-waxy, calcareous to dolomitic, fissile to blocky, with trace fossil shale fragment, good trace interbedded sandstone, very light gray, fine to medium grained, calcareous firm to friable slightly micro-micaceous trace brown carbonaceous flecks.
- 4100-30 Shale as above with interbedded silty and sandy streaks trace fossil fragment.
- 4130-70 Sandstone, very light gray, white, very fine to fine grained, calcareous, slightly micro-micaceous, very slightly argillaceous with scattered brown flecks, fair trace brown, gray-brown, gray-green, sub-waxy calcareous, shale trace fossil fragment.
- 4170-80 Shale gray, gray-brown, dark gray-green, brown, gray-tan, sub-fissile to blocky, sub-waxy calcareous to dolomitic, with trace limestone buff, buff-tan, micro-xln slightly oolitic, very ostracodal trace pelecypod, shell fragment, slightly argillaceous.
- 4180-90 Shale, gray, gray-green, trace brown-green, firm, sub-fissile slightly calcareous, with scattered very silty inclusions, trace sandstone white very light gray, very light gray-green very fine grained, calcareous, trace pyrite.
- 4190-4200 Siltstone, sandstone very light gray, very light green-gray very fine to fine grained, calcareous to limy slightly micro-micaceous, slightly argillaceous firm to friable trace very poor porosity, trace shale as above with fossil fragment.
- 4200-10 Siltstone, sandstone as above with trace interbedded gray-green firm, silty shale, very weak trace pyrite.
- 4210-30 Shale, very light gray-green, very light gray, firm, sub-fissile calcareous with fair to good trace limestone, dolomitic limestone, brown, red-brown, dark-tan, crypto to micro-xln, firm, brittle slightly argillaceous.
- 4230-70 Limestone cream-tan, tan, brown, crypto to micro-xln, micro oolitic to calcarenitic, ostracodal with trace shale brown, gray-brown, firm blocky calcareous trace chert, amber-brown, resinous brown, with considerable cavings gray-green, light gray, shale.

- 4270-4300 Shale light gray-green, very light buff-green, buff-gray, green-tan, sub-waxy lustre calcareous, firm, blocky with trace interbedded limestone as above trace pelecypod shell fragment
- 4300-30 Shale, light gray-green, green-tan, tan, gray-tan, light gray, firm, sub-fissile to blocky limy to calcareous with scattered silt inclusions fair trace limestone as above trace fossil pelecypod fragment.
- 4330-50 Sandstone, white, very light gray, very light green-white, fine to medium grained, sub-angular to sub-rounded clear frosted with trace gray to black chert grains, trace bright green, chlorite shale, calcareous trace pyrite, friable slightly argillaceous with very poor to fair porosity, trace very light green, very light gray-green, shale.
- 4350-60 Sandstone as above with good trace shale light green, light gray-green, rusty-red, red-brown, red-purple, firm, blocky, slightly calcareous.
- 4360-4400 Shale, varicolored as above with considerable sand, sandstone as above.
- 4400-10 Sandstone white, light green-white, fine to medium grained, slightly calcareous, interbedded with varicolored shale.
- 4410-20 Shale varicolored with predominate of light gray-green, green, sub-waxy meta-bentonite, with fair trace sand.
- 4420-40 Sandstone, light gray, light green-gray, purple-gray, red-gray, very fine to fine grained, with interbedded varicolored shale.
- 4440-4500 Shale varicolored, sub-waxy, meta-bentonite, very slightly calcareous with scattered trace limestone nodules, trace interbedded, slightly siltstone and sandstone.
- 4500-4600 Siltstone, shale rusty-red, red-brown, purple-red, firm, blocky slightly calcareous trace scattered sandy streaks, trace limestone nodules buff, buff-orange occasional trace white succrosive gypsum.
- 4600-4700 Shale, red-purple, rusty-red, red-brown, red-green, yellow-purple, yellow, olive, light gray, light gray-green, firm, blocky meta-bentonite, waxy, very slightly calcareous, with scattered trace interbedded silt and sandstone streaks.
- 4700-4730 Sandstone, very light gray, very light green-gray, buff, lavender buff, very fine to medium grained angular to sub-rounded clear frosted, with trace light varicolored quartz grains, trace green accessory mineral trace mica fair trace interbedded, varicolored shale.
- 4730-50 Shale, varicolored predominate reds with trace siltstone, and sandstone.
- 4750-80 Siltstone, sandstone white, buff, purple-buff, very fine to medium fine grained, slightly micaceous slightly calcareous, kaolinitic, firm, interbedded with trace varicolored shale.
- 4780-4820 Shale varicolored, meta-bentonite, very slightly calcareous with fair trace siltstone and sandstone.

- 4820-4900 Siltstone, sandstone white very light gray, very light green-gray, red-gray, lavender-gray, very fine to medium grained, micaceous, slightly calcareous kaolinitic with fair trace interbedded varicolored shale as above.
- 4900-4940 Shale, rusty-red, red-brown, purple-red, red-gray, red-green, gray-green, light gray gray, red-buff, firm, sub-waxy, very slightly calcareous, with scattered floating quartz grains, scattered silty and sandy inclusions, micaceous, slightly calcareous.
- 4940-4980 Siltstone, sandstone, very light gray, very light gray-green, very light green-white, very fine to medium grained, angular to sub-rounded, clear frosted, with scattered very light varicolored quartz grains, trace gray to black chert grains, trace green accessory mineral micaceous, kaolinitic, very slightly calcareous trace very light green interstitial clay, trace varicolored shale.
- 4980-5000 Shale varicolored with good trace silt and sandstone as above.
- 5000-50 Siltstone, sandstone, very light gray, very light green-white very fine to medium grained, with argillaceous streaks, micaceous kaolinitic, very slightly calcareous trace varicolored shale.
- 5050-5100 Sandstone, very light gray, very light green-gray, very light green-white, very fine to medium grained, angular to sub-rounded clear frosted, with trace very light varicolored quartz grains, trace light gray to black chert grains with black and green accessory mineral, trace mica, very light green interstitial clay slightly calcareous kaolinitic, trace varicolored shale.
- 5100-20 Siltstone, sandstone as above with considerable varicolored shale.
- 5120-50 Sandstone, white, very light green-white, very light purple-white, very fine to medium grained, angular to sub-rounded clear frosted with trace varicolored quartz grains, trace light gray to black chert grains, trace very light green interstitial clay, very slightly calcareous kaolinitic.
- 5150-5200 Siltstone, sandstone as above with considerable varicolored shale predominate light green-gray, trace varicolored limestone nodules.
- 5200-40 Shale light green, light gray-green, firm, blocky sub-waxy, very slightly calcareous with scattered very silty and sandy streaks, trace varicolored den limestone.
- 5240-5300 Shale light green, light gray-green, rusty-red, purple-red, yellow-red, mottled, sub-waxy lustre, meta-bentonite, firm, slightly calcareous, with trace interbedded silty to sandy streaks, trace limestone nodules.
- 5300-50 Siltstone, sandstone, very light gray, very light green-white, very fine to medium grained, very slightly calcareous, kaolinitic with varicolored shale.

- 5350-60 Shale varicolored with trace siltstone and sandstone.
- 5360-5440 Siltstone, sandstone, very light green, very light green-gray, very light green-white, slightly salt and pepper, very fine to medium fine grained, angular to sub-rounded, clear frosted, with occasional trace light pink, very light orange quartz grains, and light gray to black chert grains, trace mica, and very light green interstitial clay, calcareous firm, tite trace varicolored shale.
- 5440-5490 Shale, light green, light green-gray, rusty-red, red-brown, purple-red, lavender, yellow-red, sub-waxy lustre, meta-bentonite slightly calcareous with scattered very silty and sandy streaks, trace varicolored limestone nodules.
- 5490-5510 Siltstone, sandstone, very light green-white, very light green-gray, lavender-gray, very fine to medium grained, slightly calcareous kaolinitic with fair trace varicolored shale.

T. D. 5510.

UTE TRAIL UNIT WELL NO. 7

- 10-10-59 Contractors building roads, pits, levelling location. R. O. W. S.
- 10-11-59 Drilling crew rigging up Rotary and laying gas line from 83-X 15 men 8 Hrs.
- 10-12-59 Rigging up Rotary, laying gas line, 13 men 8 hours each.
- 10-13-59 Finish Rigging up Rotary at 4:00 P. M., crew break tour at 4:00 P. M.
Start drilling rat hole at 5:00 P. M., still drilling on rat hole at 12 midnight- 12 hours, 10 men 8 hours each, 5 men on regular 12 hour tour.
- 10-14-59 Drilling with water, crew working 12 hour tour.
0-172' Morning Tour, 64' (7-1/2 Hrs. drilling surface) 64' Shale. 0-64'.
Evening Tour, 108' (6-1/2 Hours drilling and 4 hours reaming) 64' to 172'
12:00 A. M. to 3:00 A. M., finish drilling rat hole and set Rotary table and mix mud. Spud at 3:00 A. M. with 12-1/4" HTC Retip Bit No. 1. Drill til 10:30 A. M., truck unloading mud. Broke out connections on mud tank shut down wait on welder, start back drilling at 1:00 P. M. Drill til 7:30 P. M. at 172', trip lay down drill collar, start reaming at 8:00 P. M. with 17-1/2" Reed Hole Opener, still reaming at 12 midnight.
Ream to 156', mixed 35 sacks Gel and 3 sacks Lime.
Bit No. 1 made 172'- 14 hours- 0' to 172' Shale.
- 10-15-59 Drilling with mud and water
Ream Morning Tour, ream 2 hours 156' to 172', set surface casing.
156'-170' Evening Tour, W. O. C., nippleing up.
Ran Casing Finish reaming hole to 170' with 17-1/2" Reamer at 1:30 A. M., circulate
W. O. C. 1 hour, trip, rig up and ran 5 joints Range 2, 13-3/8" H-40, 48#, SWLS.
Casing that measured 173.30', set at 169', K. B. Cement with 200 sacks
Regular cement, plus 2% Ca. Cl. Plug down at 5:05 A. M. Cement
circulated 6 hours, W. O. C. 6 hours nippleing up. Bit No. 2 (Reamer)
made 170'- 5-1/2 Hours. 0' to 170' Shale.
- 10-16-59 W. O. C. and Nippleing up.
W. O. C. Morning Tour, finish nippleing up at 2:00 A. M. Start drilling mouse
Nippleing Up hole, finish mouse hole at 8:00 A. M. Start nippleing up to drill with
TD 172' gas and water.
Evening Tour 12 hours, preparing to drill with gas.
- 10-17-59 Drilling with Gas and Water.
170'-744' Morning Tour, 81' (1 hour drilling cement 10 hours drilling) 170'-251' Shale
Evening Tour, 493' (10-3/4 Hours Drilling) 251' to 744' Sand and Shale.
Finish riggin up to drill with gas at 5:00 A. M., drill cement 5:00 A. M.
to 6:00 A. M., start drilling new hole with 11" OSCIG (Retip) Bit No. 3
at 6:00 A. M. Drill til 6:30 P. M., trip, back in hole with 11" OSC-3
retip Bit No. 4 at 7:45 P. M. Still drilling at 12 midnight.
Bit No. 3 made 307' - 12-1/2 hours, 170' to 477' Sand and Shale.

10-18-59
744' - 1341'

Drilling with Gas and Water.
Morning Tour, 344' (9-1/2 hrs. drilling 1/2 hour circ.) 744' to 1090'
Evening Tour, 251' (8-1/2 Hours drilling) 1090' to 1341' Sand and Shale.
Drill til 7:30 A. M., trip and change stripper rubber, back in hole with
11" OWSV Retip Bit No. 5 at 10:00 A. M., drill til 8:30 P. M., trip,
still on trip at 12 midnight.
Bit No. 4 made 570' - 11-3/4 Hours, 477' to 1047' Sand and Shale.
Bit No. 5 made 294' - 10-1/2 hours, 1047' to 1341' Sand and Shale.

10-19-59
1341' - 1720'

Drilling with Gas and Water.
Morning Tour, 224' (12 hours drilling) 1341' to 1565' Sand and Shale.
Evening Tour, 155' (7-3/4 Hours drilling, 1/4 Hr. Ream) 1565' to 1720'
Back on bottom with 11" OWSV Bit No. 6 at 12:00 A. M., drill til 1:00
P. M., trip, back in hole with 11" OWSV Bit No. 7 at 3:15 P. M., ream
1/4 hour, start drilling at 3:30 P. M. Still drilling at 12 midnight.
3/4 hour 5:15 P. M. to 6:00 P. M. laying blowie line.
Bit No. 6 made 235' - 13-1/2 hours, 1341' to 1576' Sand and Shale.

10-20-59
1720' to 2128'

Drilling with Gas and Water.
Morning Tour, 231' (8-3/4 Hrs. Drilling) 1720' to 1951' Sand and Shale.
Evening Tour, 177' (5 Hrs. Drlg. 1-1/2 Hrs Ream, 1/2 Hr. Circ.) 1951'
to 2128' Sand and Shale.
Drill til 4:30 A. M., trip, lay down 3 - 8" collars, pick up 4-6"
collars, back in hole with 7-7/8" M&N Bit No. 8 at 7:45 A. M., drill
til 12 noon, circulate 1/4 hour, trip, back in hole with 7-7/8" YSI
Bit No. 9 at 3:30 P. M. Circulate and ream 1-1/2 hours to bottom,
start drilling at 5:00 P. M. Drill til 9:00 P. M., circulate 1/4
hour, trip, still on trip at 12:00 Noon. Reduced hole from 11" to
7-7/8" at 1802'.
Bit No. 7 made 226' - 12-1/4 hours, 1576' to 1802' Sand and Shale.
Bit No. 8 made 198' - 5-1/4 hours, 1802' to 2000', Sand and Shale.
Bit No. 9 made 128' - 4 Hours, 2000' to 2128' Sand and Shale.

10-21-59
2128' to 2633'

Drilling with Gas and Water.
Morning Tour, 178' (4-1/4 Drlg, 4-3/4 Hrs. Ream, 1/2 Hr. Circ). 2128'
to 2308', Sand and Shale.
Evening Tour, 325', (8 Hr. Drilling) 2308' to 2633', Sand and Shale.
Back in hole with 7-7/8" OWC Bit No. 10, at 12 midnight, start reaming
at 280' off bottom, ream til 3:45 A. M., start drilling 3:45 A. M.,
drill til 8:00 A. M., circulate 1/2 hour, trip, cut and slip drilling
line, dress drill collar, back in hole with 7-7/8" OWC Bit No. 11 at
11:00 A. M., ream 1 hour, start drilling at 12 noon, drill til 8:00
P. M., trip, still on trip at 12 midnight.
Bit No. 10 made 180' - 8 Hours, 2128' to 2308' Sand and Shale.
Bit No. 11 made 325' - 8 hours, 2308' to 2633', Sand and Shale.

10-22-59
2633' - 3170'

Drilling with Gas and Water.
Morning Tour, 289' (9-1/2 Hrs. Drlg., 1/4 hour Circ.) 2633' to 2922' Sand
Evening Tour, 248' (6-1/4 Hrs. Drilling, 1/4 hour Ream) 2922' to 3170'
Sand and Shale.
On Bottom with 7-7/8" M&L Bit No. 12 at 12:00 A. M., drill til 8:00 A. M.

Circulate 1/4 hour, trip, back in hole with 7-7/8" M.L. Bit No. 13 at 10:45 A. M., drill till 7:15 P. M., circulate 1/4 hour, trip, back in hole with 7-7/8" OWC Bit No. 14 at 10:15 P. M., Run 60' start drilling at 11:00 P. M., still drilling at 12 midnight.
 Bit No. 12 made 251' - 8 hours, 2633' to 2884' Sand and Shale.
 Bit No. 13 made 266' - 8-1/2 hours, 2884' to 3150' Sand and Shale.

10-23-59
 3170' to 3552'

Drilling with Gas and Water.
 Morning Tour, 296' (8-3/4 Hours Drilling) 3170' to 3464' Sand and Shale.
 Evening Tour, 68' (2-1/2 Hours drilling, 1/2 hour Run) 3464' to 3552'
 Drill till 8:45 A. M., trip, back in hole with 7-7/8" YSI Bit No. 15 at 12 noon, run 1-1/2 hours to bottom, start drilling at 1:30 P. M., drill till 4:00 P. M., made connection at 3552', pipe stuck, could not circulate, could not move pipe held 1500' psi on bally and work stuck pipe 1-3/4 hours, finally broke circulation and pipe began to loosen. Circulate 1/2 hour, come out of hole to run intermediate casing, out of hole at 9:00 P. M., wait on 8-5/8" casing till 12 midnight.
 Bit No. 14 made 314' - 9-1/4 Hours, 3150' to 3464' Sand and Shale.
 Bit No. 15 made 68' - 2-1/2 Hours, 3464' to 3552', Sand and Shale.

10-24-59
 3552' TD
 Set Casing

Drilling with Gas and Water.
 Morning Tour, Preparing to Run Casing
 Evening Tour, Run Casing.
 Wait on 8-5/8" Casing till 8:00 A. M., unload casing, close blank runs, on BOP, take off Rotating Head, install Hydrill BOP, prepare to run casing. Start Running casing at 1:00 P. M., finish at 5:00 P. M., W. O. C.
 Run 58 Joints 8-5/8" OD, 32#, J-55, Std, Range 2, CFI Casing, that measured 1897.44', set at 1802', K. B., cemented with 300 sacks regular cement plus 25 G. C., plug down at 5:00 P. M.

10-25-59
 3552' WOC

Drilling with Gas and Water.
 Morning Tour, Wait on cement 12 midnight to 12 noon.
 Evening Tour, W. O. C., and nipple up, Drill cement 2 hours, wait on cement till 5:00 P. M., strip off Hydrill and BOP, out off casing, put BOP back on nipple up, start in hole with 7-7/8" M.L. Bit No. 16, at 8:30 P. M. start drilling cement plug at 10:00 P. M., still drilling cement at 12 midnight.

10-26-59
 3552' - 4184'

Drilling with Gas and water.
 Morning Tour, 276' (Drig float and shoe 3 hours, 8 hours drig.) 3552' to 3828', Sand and Shale.
 Evening Tour, 356' ((9 hours drilling) 3828' to 4184' Sand and Shale.
 Start drilling float and shoe at 12:00 A. M., finish at 3:00 A. M.
 Finish trip to bottom at 4:00 A. M., drill with Bit No. 16 till 1:45 P. M., circulate 1/4 hours, trip, back in hole with 7-7/8" M.L. Bit No. 17 at 4:45 P. M., still drilling at 12 midnight.
 Bit No. 16 made 376', -9-3/4 hours, 3552' to 3930', Sand and Shale.

10-27-59
 4184' to 4717'

Drilling with gas and Water.
 Morning Tour 244' (8-3/4 hours drilling, 1/4 hour circ.) 4184' to 4428' Sand and Shale.

Evening Tour, 289' (8-1/4 Hr. Drilling) 4428' to 4717' Sand and Shale. Drill til 1:15 A. M., circulate 1/4 Hour, trip, back in hole with 7-7/8" CW Bit No. 18 at 4:30 A. M., drill til 12 noon, trip, back in hole with 7-7/8" T2 Bit No. 19 at 3:45 P. M. Still drilling at 12 midnight.

Bit No. 17 made 306' - 8-1/2 Hours, 3930' to 4236' Sand and Shale. Bit No. 18 made 192' - 7-1/2 Hours, 4236' to 4428', Sand and Shale.

10-28-59
4717'-5140'

Drilling with Gas and Water.

Morning Tour, 233' (7-1/4 Hr. Drilling, 1-1/4 Hr. Circ.) 4717' to 4950' Sand and Shale.

Evening Tour, 190' (5-3/4 Hr. Drilling, 1/4 Hr. Circ.) 4950' to 5140' Sand and Shale.

Drill til 1:15 A. M., circulate 3/4 Hours, trip, back in hole with 7-7/8" SV2 Bit No. 20 at 5:30 A. M., wash and circulate to bottom, start drilling at 6:00 A. M., drill til 1:45 P. M. Repair Rotating Head 1/2 Hour. Start drilling at 2:15 P. M. Drill til 3:00 A. M. Circulate 1/4 Hour, trip, back in hole with 7-7/8" M&N Bit No. 21 at 7:00 P. M. Drill til 10:15 P. M., reached 5140' shut down to check well for gas. Shut down until 12 midnight. Well making an estimated 1,000,000 GPOPD natural, with large amount of water coming from up the hole. Estimated water about 4 to 6 hundred barrels per hour.

Bit No. 19 made 390' - 9-1/2 Hours, 4428' to 4758' Sand and Shale.

Bit No. 20 made 279' - 8-1/2 hours, 4458' to 5037' Sand and Shale.

Ran wire line measurement at 4950', no correction. Had drilling break 4957' to 5006', indicated small amount of gas.

Mixed 27 Sacks Gel, Morning Tour, Mixed 90 Sacks Gel, Evening Tour.

10-29-59
5140' - 5510'

Drilling with Gas and Water.

Morning Tour, 170' (6-1/2 hours drilling, 1-1/2 hours circulating) 5140' to 5310' Sand and Shale.

Evening Tour, 200' (6 hours drilling, 1 hour circulating) 5310' to 5510', Sand and Shale.

Start drilling at 12 A. M., drill til 6:30 A. M., work pipe and circulate til 8:00 A. M., trip, out of hole at 5310' at 12:00 noon. Let well blow for test from 12:00 noon til 3:00 P. M. No increase in gas. Driller pulled bit up in stripper rubber, had to get welder to cut shank off, bit to get rubber off drill collars. Install new Rubber in Rotating Head, back in hole with 7-7/8" YM Bit No. 22 at 5:00 P. M., 1/2 hour circulate to bottom, start drilling at 5:30 P. M. Drill til 11:30 P. M., reached 5510' Total Depth. Circulate and condition hole til 12:00 Midnight.

Bit No. 21 made 268' - 9-3/4 Hours, 5037' to 5310' Sand and Shale.

Bit No. 22 made 200' - 6 hours, 5310' to 5510', Sand and Shale.

10-30-59

Drilling with Gas and Water.

3 hours circulating, circulate and condition hole from 12:00 A. M. to 3:00 A. M., start displacing watery mud and gas from hole with mud, out of 750 blks. tank at 3:00 A. M., finish at 4:00 A. M., trip out. Stand back drill pipe, lay down drill collars, out of hole at 8:00 A. M. Rig up to run 5-1/2 Casing, start running casing at 10:30 A. M. Finish at 6:30 P. M. Start taking out gas lines blowie line, etc.

10-30-59
Ran 171 Jts.
5-1/2" Csg.

Ran 171 Joints 5-1/2" CD., 15.50#, Grd. J-55, Range 2, mixed casing, that measured 5513.58', set at 5510'. K. B., cemented with 400 sacks regular cement, plug down at 6:20 P. M.

10-31-59
5510' T. D.

W. O. C.
Wait on cement til 6:30 A. M., McCullough ran temperature survey average bottom hole temperature 136 Degrees, found top of cement at 4050', finish survey at 9:30 A. M., clean steel pits, rig up to lay down drill pipe, start laying down, drill pipe at 12:00 Noon. Finish at 5:00 P. M., unbolt and lay down rotating head and BOP, finish at 10:00 P. M., cut off 5-1/2" Casing and install tubing head, rig released at 12:00 midnight.

11-1-59

Rigging down and set out Rotary Rig.

11-2-59

Rigging down and set out Rotary Rig.

11-3-59

Finish Rigging down Rotary Rig and moving in Work-over Rig and start Rigging up Work-Over Rig.

11-4-59

Finish rigging up Work-over rig, install BOP, start picking up 2-1/2" Tubing. Shut down at 6:00 P. M.

11-5-59

Start work at 6:00 A. M., finish picking up and running 2-1/2" tubing to bottom, rig up lines, displace hole with salt water, come out of hole with tubing. McCullough start logging wall, ran Gamma Ray, Neutron Logs from 100' to 5389', shut down at 9:00 P. M.

11-6-59

Start work at 6:00 A. M., test BOP, would not close, work on BOP, finish repairs at 10:00 A. M. McCullough perforate with Torpedo Jets, (3/4 Gram) 2 shots per foot, 5130' to 5116' and 5081' to 5084'. Ran tubing back in wall (Open Ended) to 4855'. Dwell on location, hook up to rig floor, and mixing J-94 finish mixing and hook up to well head 1:50 P. M. Pressure lines to 4000# psi held safety meeting at 2:15 P. M. Start break down with 1 Allison Pressured formation to 3900# psi, formation broke back to 2800# psi. 3 Allison start pumping 26 barrels per minute at 3900# psi, down casing and tubing. Start sand at 1# per Gal. increase to 1.5 # sand per gallon, formation broke 2900# psi to 2800# psi, increase sand to 2# per Gallon, increase sand to 2-1/2# per gallon all sand in start flush.
Fracced with 35,000# 20/40 Sand and 704 bbls. J-94 Fla., using 450 bbls. Salt Water with sand and 120 bbls fresh water for flush.
Maximum Treating Pressure - 2900# psi at 26 Barrels per Minute.
Minimum Treating Pressure- 2700# psi at 27.5 barrels per minute.
Average Injection rate- 28 bbls. per minute, including sand volume, average pounds sand per gallon 1.7.
Immediate Shut in Pressure - 1350# psi.
15 Minute Shut in pressure - 975# psi, 50 minute shut in pressure 650# psi.
Treatment complete at 3:35 P. M.
Will leave shut in til 6:00 A. M. next morning, Rig crew ran back pressure valve in De-Nut, remove BOP and install well head equipment.

11-7-59

Start work at 6:00 A. M.
Well head pressure- 200# psi, lay lines to tank, hook up to tubing, open well at 7:30 A. M., start flowing, flowed 35 bbls, slowing down to small stream, not much gas. Started snubbing well, made 3 @ 4 runs, lowered fluid to approximately 1,000', down from top. Pulled snub out to change snub cups, left tubing open in tank. Well began to make some gas and rumbling sounds then suddenly started flowing almost 100% water at first with volume increasing rapidly, then began slugging strong heads of water, then gas. The volume of gas and water increased until back pressure at well head rose to 600# psi. Close choke to approximately 1/2 inch, well flowed approximately 100 bbls. free water in tank, then water decreased and gas increased, had to turn flow to blowie line. Well cleaned up to heavy spray free water, making some sand and estimate 4 to 5 MRCFGPD. Shut in at 6:00 P. M.

11-8-59

Open well at 7:00 A. M. T. P. 1900#, CP 1950#. Open choke to full 3/4" in approximately 1/2 hour free water decreasing by noon, release Work-Over Rig at 12:00 Noon. Well making approximately 6 MRCFGPD by 6:00 P. M. Shut In.

11-9-59

Well Shut in, moving Work-Over Rig off location.

11-10-59

Well Shut in, moving Work-Over Rig off location.

11-11-59

Tested well for Potential on 5 hour flow. T. P. 2050#, C. P. 2050#
Open 7:00 A. M., making very little fluid at end of test, Potentialled at 7,500,000 CFGB.

Well Shut in from 11-12-59 to 11-17-59.

11-17-59

Open at 11:00 A. M., T. P. 2050#, CP 2050#.
Close at 5:30 P. M., very little fluid, some distillate and light spray free water. Making 7,540,000 CFGB end of test.

Shut In.

2801 7 8 932

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

LAND OFFICE _____
LEASE NUMBER U-01191
UNIT Natural Buttes

LESSEE'S MONTHLY REPORT OF OPERATIONS

State Utah County Uintah Field Natural Buttes

The following is a correct report of operations and production (including drilling and producing wells) for the month of January, 1973,

Agent's address P. O. Box 1138 Company Gas Producing Enterprises, Inc.
Vernal, Utah 84078 Signed J. A. Allen

Phone 789-4433 Agent's title Area Clerk

SEC. AND 1/4 OF 1/4	TWP.	RANGE	WELL NO.	DAYS PRODUCED	BARRELS OF OIL	GRAVITY	CU. FT. OF GAS (In thousands)	GALLONS OF GASOLINE RECOVERED	BARRELS OF WATER (If none, so state)	REMARKS (If drilling, depth; if shut down, cause; date and result of test for gasoline content of gas)
NON-PARTICIPATING										
4 NENE	10S	22E	u.T. 7							SI Indefinitely

NOTE.—There were _____ runs or sales of oil; _____ M cu. ft. of gas sold;

_____ runs or sales of gasoline during the month. (Write "no" where applicable.)
NOTE.—Report on this form is required for each calendar month, regardless of the status of operations, and must be filed in duplicate with the supervisor by the 6th of the succeeding month, unless otherwise directed by the supervisor.

Form 9-329
(January 1960)

GPO 637-652

16-63766-2 U. S. GOVERNMENT PRINTING OFFICE

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEYSUBMIT IN TRIPlicate
(Other instructions on
reverse side)Form approved.
Budget Bureau No. 42-R1424.

5. LEASE DESIGNATION AND SERIAL NO.

U-01191

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

UTE TRAIL UNIT

8. FARM OR LEASE NAME

9. WELL NO.

7

10. FIELD AND POOL, OR WILDCAT

BITTER CREEK FIELD

11. SEC., T., R., M., OR BLK. AND
SURVEY OR AREA

SECTION 4, T10S, R22E

14. PERMIT NO.

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

4912' KB

12. COUNTY OR PARISH

UINTAH

13. STATE

UTAH

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETION

SHOOT OR ACIDIZE

ABANDON*

REPAIR WELL

CHANGE PLANS

(Other)

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREATMENT

ALTERING CASING

SHOOTING OR ACIDIZING

ABANDONMENT*

(Other)

(NOTE: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) *

This application is to request approval to dispose of produced waters in an unlined pit. The subject well produces less than 3 barrels of water per day. The attached water analysis gives the composition of produced waters. Water is produced from the Wasatch-Mesaverde formation. The evaporation rate for the area compensated for annual rainfall is 70 inches per year. The percolation rate is 2-6 inches per hour for the area. The pit itself is 30 square feet at the surface, tapering down to a total depth of 25 square feet on bottom, having a depth of 6½ feet. See the attached maps for location of well site and data on usable water aquifers.

Attachments: (1) Water analysis
(2) Topo map
(3) Location layout

In the Natural Buttes Unit, electric logs are not run above 2000-2500'. While drilling the surface holes on all of the wells in the unit, various stringers of sand are encountered which contain a small amount of water. No water flows are encountered while drilling at these depths. No major water aquifers are known to exist down to depth of 2500'. The small sand stringers encountered while drilling are not correlative from well to well.

18. I hereby certify that the foregoing is true and correct

SIGNED

E. R. Miskiff

TITLE District Superintendent

DATE July 1, 1977

(This space for Federal or State office use)

APPROVED BY

CONDITIONS OF APPROVAL, IF ANY:

TITLE

APPROVED BY THE DIVISION OF
OIL, GAS, AND MINING

DATE: August 7, 1977

BY: *P. H. Russell*

*See Instructions on Reverse Side



DOWELL DIVISION OF THE DOW CHEMICAL COMPANY

LABORATORY LOCATION

API WATER ANALYSIS REPORT FORM

DATE Apr. 27, 1977

Casper

LAB NO. CL 6482

Company Gas Producers		Sample No. 41546		Date Sampled	
Field Ute Tribal		Legal Description		County or Parish Uintah	State Utah
Lease or Unit	Well #7	Depth 6000	Formation Wasatch	Water, B/D	
Type of Water (Produced, Supply, etc.) Produced		Sampling Point			Sampled By

DISSOLVED SOLIDS

CATIONS	mg/l	me/l
Sodium, Na (calc.)	1632	71.8
Calcium, Ca	4	0.2
Magnesium, Mg	2	0.2
Barium, Ba		

ANIONS	mg/l	me/l
Chloride, Cl	1500	42.0
Sulfate, SO ₄	65	1.3
Carbonate, CO ₃	143	4.7
Bicarbonate, HCO ₃	1510	24.2

Total Dissolved Solids (calc.)

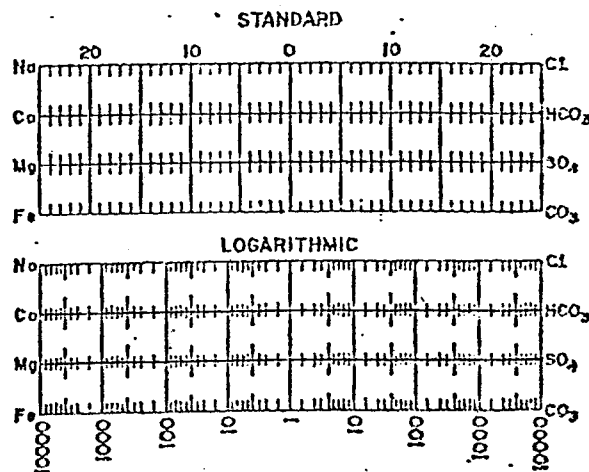
Iron, Fe (total) 3

Sulfide, as H₂S

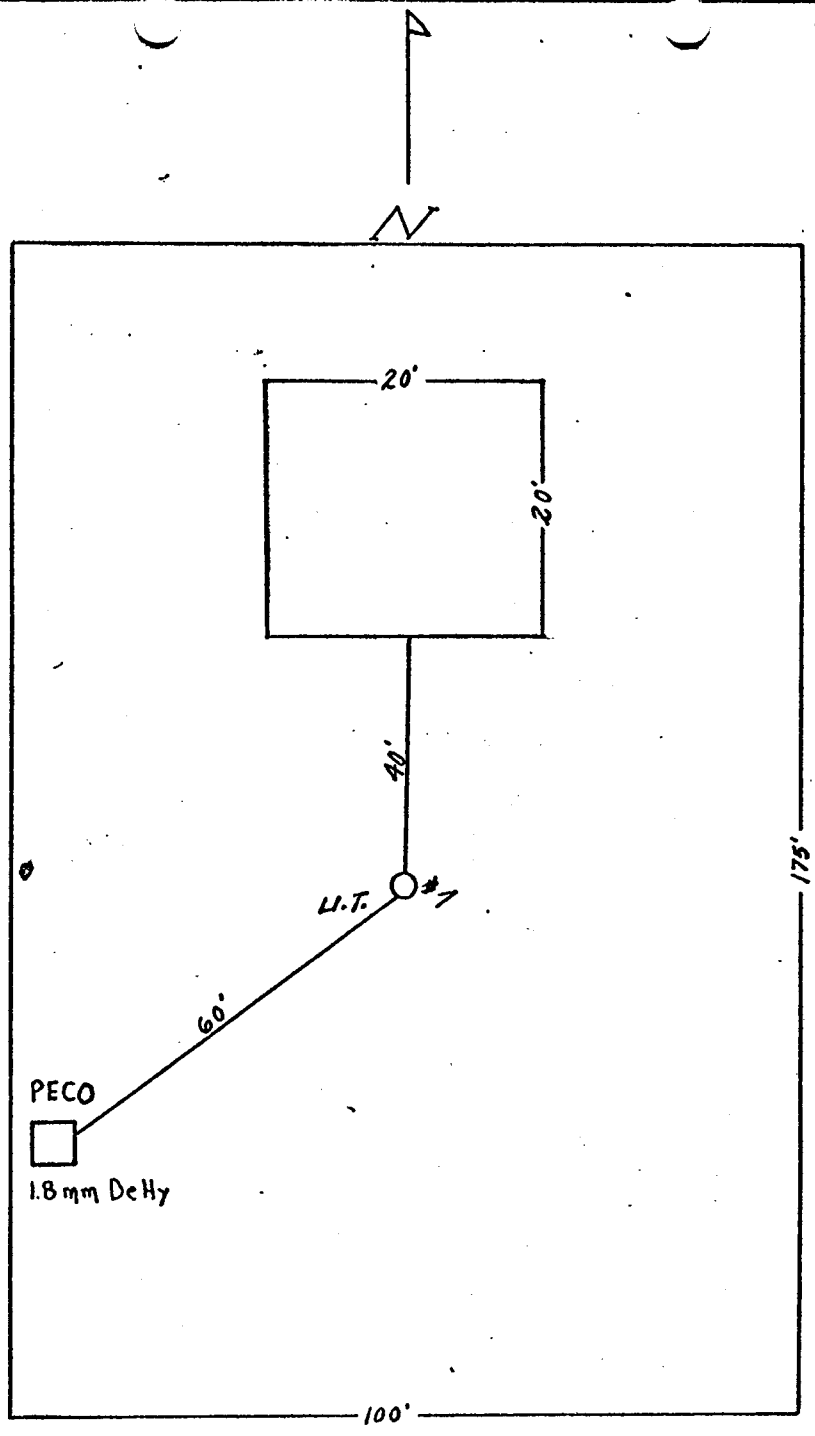
OTHER PROPERTIES

pH	8.35
Specific Gravity, 60/60 F.	1.000
Resistivity (ohm-meters) F.	

WATER PATTERNS—me/l



REMARKS & RECOMMENDATIONS:



BUILD UP

UTE TRAIL # 7

This well was shut in August 9, 1962 @ 9:30 A. M. Tubing and Casing Pressures were measured by dead weight gauge. Results are shown in the table below:

DATE	TIME	SIPT psig	SIPC psig	REMARKS
8-9-62	9:30 A.M.			Tbg flowing 482 psig S.I. Well Dead weight Gauge No Report (spring gauge reading)
8-10-62				" " " " "
8-11-62				" " " " "
8-12-62				Dead Weight Gauge
8-13-62	4:00 P.M.	934	1042	" " "
8-14-62	12:00 P.M.	995	1106	" " "
8-15-62	1:00 P.M.	1025	1184	" " "
8-16-62	1:00 P.M.	1043	1199	" " "
8-17-62	12:30 P.M.	1066	1219	" " "
8-18-62	5:00 P.M.	1080	1244	" " "
8-19-62	12:30 P.M.	1095	1259	" " "
8-20-62	1:00 P.M.	1109	1263	" " "
8-21-62	7:00 P.M.	1122	1279	" " "
8-22-62	1:30 P.M.	1131	1295	" " "
8-23-62	10:30 A.M.	1162	1312	" " "
8-24-62	1:30 P.M.	1171	1324	" " "
8-25-62				No Report
8-26-62				No Report
8-27-62				No Report
8-28-62				No Report
8-29-62	12:00 P.M.	1208	1362	Dead weight gauge surface pressures Ran B & R Bomb BHP @ 5125' K. B. 1512 psig Open well to production
8-29-62	2:00 P.M.			

TEMPERATURE ★

B&R.SERVICE, INC.

★ SURVEYS ★ ★

BOX 1048 - FARMINGTON, NEW MEXICO

Pressure Survey

COMPANY DEKALB AGRL. ASSN.

LEASE UTE TRAILS

WELL # 7

FIELD

LOCATION

COUNTY

STATE UTAH

SHUT-IN

ELEVATION

DATE 8-29-62

ZERO POINT G.L.

TSG. PRESSURE

DATUM

TSG. DEPTH

CASING SET

CASING PRESSURE

PACKER SET

CASING PRBF.

P. S. T. D.

FLUID LEVEL 4690'

MAX. TEMP. 130°

DEPTH

PSIG

GRADIENT

LUBE

1192

1000

1212

3000

1275

4000

1312

5000

1462

5128

1512

.02

.03

.04

.15

.40

TEMPERATURE ☆

B&R SERVICE, INC.

☆ SURVEYS ☆ ☆

BOX 1048 - FARMINGTON, NEW MEXICO

Pressure Survey

COMPANY	DEKALB AGR., ASSN., INC. LEASE	UTE TRAILS	WELL	8 7
FIELD		LOCATION		
COUNTY	UINTAH	STATE	UTAH	DATE
SHUT IN	7 DAYS	ELEVATION		3-5-62
ZERO POINT	G.L.	TBG PRESSURE	DATUM	
TBG DEPTH		CASING SET	CASING PRESSURE	
PACKER SET		CASING PERF	P B T D	
FLUID LEVEL	4875'		MAX TEMP.	138° F

DEPTH	PSIG	GRADIENT
LUBE	1180	- - -
1000	1219	.04
2000	1253	.04
3000	1292	.04
3500	1311	.04
4000	1330	.04
4500	1350	.04
5000	1500	.30
5125	1553	.44

TEMPERATURE ★

B&R SERVICE, INC.

★ SURVEYS ★ ★

BOX 1048 - FARMINGTON, NEW MEXICO

MAR 12 1962

Pressure Survey

APPROVED

COMPANY DEKALB AGR., ASSN., INC. LEASE UTE TRAILS

WELL # 7

FIELD LOCATION

COUNTY UTAH STATE UTAH

DATE 2-26 3-5-62

SHUT-IN ELEVATION

DATUM

ZERO POINT G.L. TPG. PRESSURE

CASING PRESSURE

TPG DEPTH CASING SET

P. B. T. D.

PACKER SET CASING FEET

MAX. TEMP. 138° F

FLUID LEVEL

TIME	PSIG	TIME	PSIG	TIME	PSIG	TIME	PSIG
0 Hrs. (12:30pm)	1015	25	1251	56	1381	87	1430
(2-26-62)		26	1250	57	1383	88	1432
5 MIN.	1024	27	1262	58	1385	89	1434
10	1031	28	1267	59	1388	90	1436
15	1037	29	1271	60	1370	91	1438
30	1051	30	1276	61	1372	92	1437
45	1061	31	1280	62	1374	93	1437
1 Hr.	1068	32	1284	63	1377	94	1438
2	1080	33	1289	64	1380	95	1438
3	1100	34	1293	65	1382	96	1439
4	1110	35	1298	66	1385	97	1440
5	1130	36	1301	67	1388	98	1442
6	1141	37	1305	68	1390	99	1444
7	1152	38	1308	69	1391	100	1445
8	1162	39	1311	70	1394	101	1448
9	1170	40	1315	71	1397	102	1450
10	1179	41	1319	72	1399	103	1451
11	1186	42	1323	73	1401	104	1453
12	1193	43	1327	74	1403	105	1455
13	1199	44	1330	75	1403	106	1457
14	1204	45	1333	76	1409	107	1457
15	1210	46	1338	77	1410	108	1458
16	1215	47	1340	78	1412	109	1462
17	1220	48	1342	79	1413	110	1463
18	1224	49	1345	80	1417	111	1467
19	1229	50	1349	81	1419	112	1469
20	1232	51	1350	82	1420	113	1470
21	1237	52	1352	83	1422	114	1472
22	1239	53	1354	84	1424	115	1474
23	1242	54	1358	85	1426	116	1476
24	1246	55	1360	86	1428	117	1478

TEMPERATURE ☆

B&R.SERVICE, INC.

☆ SURVEYS ☆ ☆

BOX 1048 - FARMINGTON, NEW MEXICO

Pressure Survey

COMPANY: DEKALB AGR., ACQN., INC. LEASE UTE TRAILS

WELL # 7

FIELD LOCATION

COUNTY: UTAH STATE UTAH

DATE 2-26 3-5-62

SHUT IN ELEVATION

DATUM

ZERO POINT G.L. TBG. PRESSURE

CASING PRESSURE

TBG. DEPTH CASING SET

P.B.T.D

PACKER SET CASING FERR

MAX TEMP. 138° F

FLUID LEVEL

TIME	PSIG	TIME	PSIG	TIME	PSIG
118	1479	149	1511		
119	1480	150	1512		
120	1480	151	1513		
121	1482	152	1517		
122	1483	153	1519		
123	1485	154	1520		
124	1487	155	1521		
125	1488	156	1523		
126	1489	157	1525		
127	1490	158	1526		
128	1491	159	1527		
129	1492	160	1529		
130	1493	161	1530		
131	1494	162	1531		
132	1495	163	1535		
133	1496	164	1537		
134	1497	165	1539		
135	1498	166	1542		
136	1499	167	1542		
137	1500	168	1545		
138	1500				
139	1501				
140	1502				
141	1504				
142	1506				
143	1507				
144	1508				
145	1509				
146	1510				
147	1510				
148	1510				

UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well ☐ gas ☒ well ☐ other ☐
2. NAME OF OPERATOR
Coastal Oil & Gas Corporation
3. ADDRESS OF OPERATOR
P. O. Box 749, Denver, CO 80201
4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)
AT SURFACE: 660' SNL & 660' WEL
AT TOP PROD. INTERVAL: Same
AT TOTAL DEPTH: Same

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>		<input type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>		<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>		<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>		<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>		<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>		<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>		<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>		<input type="checkbox"/>
(other) <u>NTL-2B Unlined Pit</u>			

approval
Denied

5. LEASE
U-01191
6. IF INDIAN, ALLOTTEE OR TRIBE NAME
N/A
7. UNIT AGREEMENT NAME
N/A
8. FARM OR LEASE NAME
Ute Trail
9. WELL NO.
Ute Trail #7
10. FIELD OR WILDCAT NAME
Natural Buttes Field
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA
Section 4-T10S-R22E
12. COUNTY OR PARISH
Uintah
13. STATE
Utah
14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)
4912' KB

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

This application is to request approval to dispose of produced waters in an unlined pit with a bentonite seal. The subject well produces less than one BWPd. The attached water analysis gives the composition of produced waters. Water is produced from the Wasatch formation. The evaporation rate for the area compensated for annual rainfall is 70 inches per year. The percolation rate is 2-6 inches per hour for the area. The pit itself is 30' x 30' at the surface, tapering down to 25' x 25', having a depth of 6-1/2 feet. See the attached map for location of well site. The pit is located at the well site.

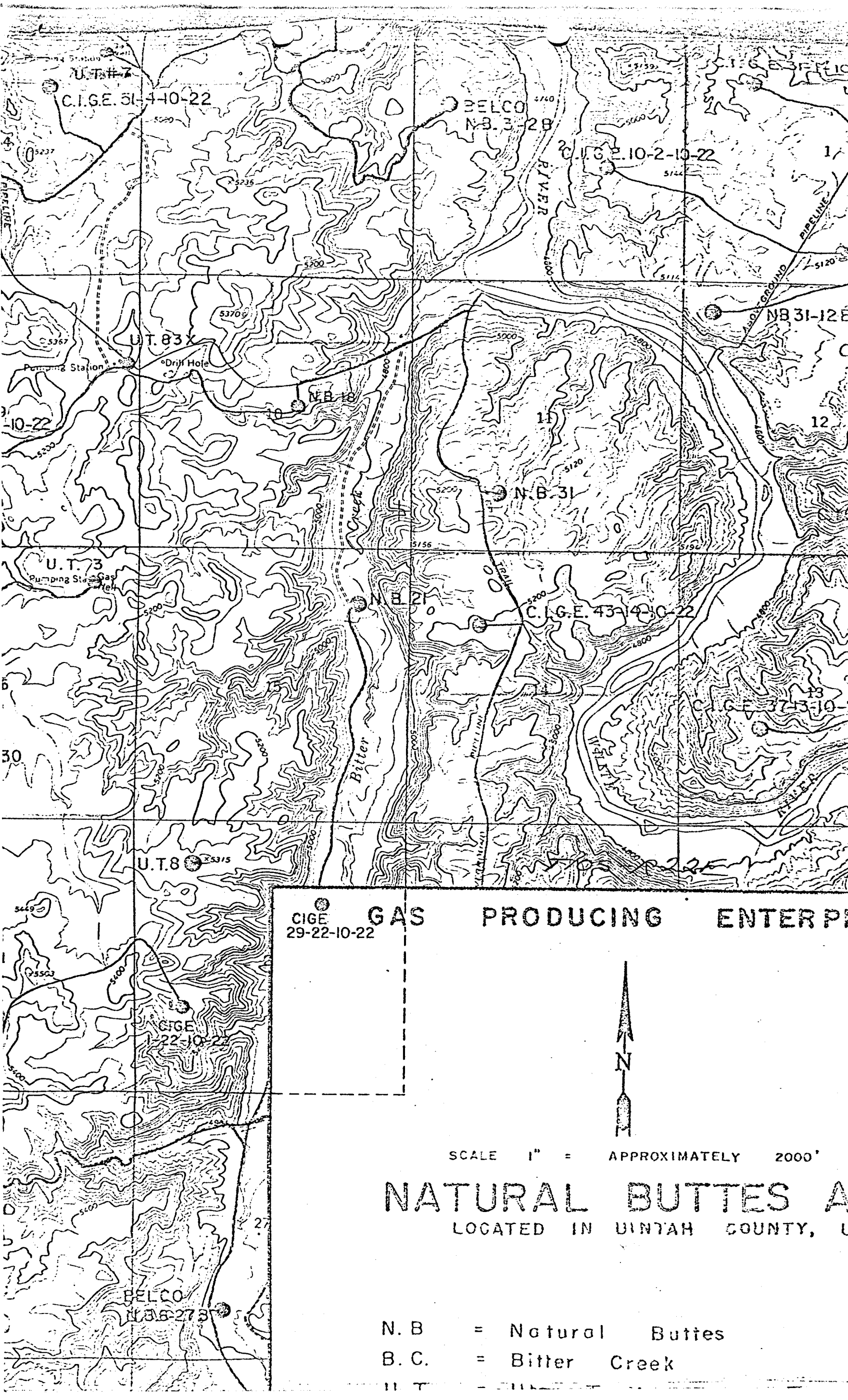
The areal extent and depth of waters containing less than 10,000 ppm TDS is unknown. The cement for the 4-1/2" casing is brought back near surface which protects all surface waters.

Subsurface Safety Valve: Manu. and Type _____ Set @ _____ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED F. R. Midkiff TITLE Production Superintendent DATE August 18, 1980
(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____
CONDITIONS OF APPROVAL, IF ANY:



CIGE
29-22-10-22

GAS

PRODUCING

ENTERPRISE



SCALE 1" = APPROXIMATELY 2000'

NATURAL BUTTES AREA

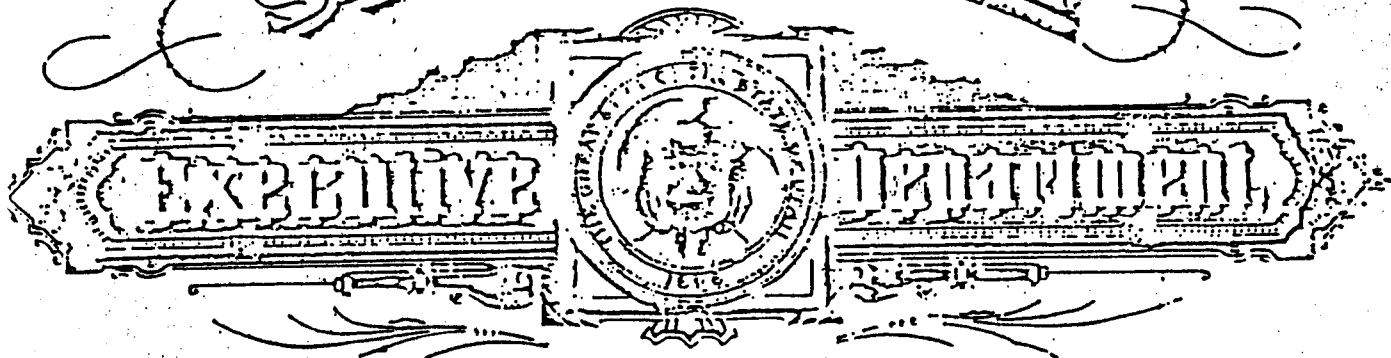
LOCATED IN UTAH COUNTY, UTAH

N. B. = Natural Buttes

B. C. = Bitter Creek

U. T. = UTAH TOWNSHIP

STATE OF UTAH



Office of Lt. Governor/Secretary of State
AMENDED CERTIFICATE OF AUTHORITY
OF

COASTAL OIL & GAS CORPORATION

I, DAVID S. MONSON, Lt. Governor/Secretary of State of the State of Utah, hereby certify that duplicate originals of an Application of
COASTAL OIL & GAS CORPORATION formerly
GAS PRODUCING ENTERPRISES, INC.

for an Amended Certificate of Authority

duly signed and verified pursuant to the provisions of the Utah Business Corporation Act, have been received in my office and are found to conform to law.

ACCORDINGLY, by virtue of the authority vested in me by law, I hereby issue this Amended Certificate of Authority to
COASTAL OIL & GAS CORPORATION
to transact business in this State

and attach hereto a duplicate original of the Application for such Amended Certificate.

File No. #49324

IN TESTIMONY WHEREOF, I have
hereunto set my hand and affixed the
Great Seal of the State of Utah at Salt
Lake City, this 4th day of
April A.D. 1978

David S. Monson
LT. GOVERNOR/SECRETARY OF STATE

COLORADO INTERSTATE GAS COMPANY

STATE COPY

WELL TEST DATA FORM

FIELD CODE			FIELD NAME										OPERATOR CODE		OPERATOR NAME										WELL NAME									
94407			NATURAL GAS										2915		CUGU										UT 7									
WELL CODE			SECT.			LOCATION			PANHANDLE/REDCAVE			SEQ. NUMBER			K-FACTOR			FORMATION																
7			4			10			22									WIS. TEL			Flow Test													
WELL ON (OPEN)			DATE (COMP.)						ORIFICE SIZE		METER RUN SIZE		COEFFICIENT		GRAVITY (SEP.)		METER DIFF. RANGE		METER PRESSURE		DIFFERENTIAL ROOTS		METER TEMP.		WELL HEAD TEMP.		FLOWING TBG/CSG PRESSURE		STATIC TBG/CSG PRESSURE		FLOWING STRING			
MO. DAY YR.			MO. DAY YR.						23 27		28 32		33 38		39 42		43 45		46 51		52 55		56 58		59 61		62 67		68 73		74 75			
XX XX XX			XX XX XX						XX XXX		XX XXX		XXXXXX		XX XXX		XXXXXX		XXXXXX		XX XX		XXX		XXX		XXXXXX		XXXXXX		X			
7 22 83									06500		2 067		01219 0		603 100		005000		03 50		104				0672		07350		X					
WELL-OFF (SHUT-IN)			SHUT-IN TEST						SLOPE		EFFECTIVE DIAMETER		EFFECTIVE LENGTH		GRAVITY (RAW GAS)		EST CSG PRESS		EST TBG PRESS		TO THE BEST OF MY KNOWLEDGE THE ABOVE DATA IS CORRECT.													
MO. DAY YR.			PRESSURE TAKEN DATE						CASING PRESSURE (PSIG)		TUBING PRESSURE (PSIG)		35 38		39 44		45 49		50 53		54 55													
XX XX XX			XX XX XX						XXXXXX		XXXXXX		X XXX		XX XXXX		XXXXXX		XXXXXX		E		E											
7 25 83			16 28 83						10735		11620		1 697		4410		519																	
METER STAMP			94407 00500										REMARKS:																					

CIG:

OPERATOR:

COMMISSION:

COLORADO INTERSTATE GAS COMPANY

WELL TEST DATA FORM

STATE COPY

FIELD CODE 01-11		FIELD NAME NATURAL BUTTES, UT		OPERATOR CODE 2915		OPERATOR NAME COASTAL OIL & GAS CORPORATION		WELL NAME JTE TRAIL		7	
WELL CODE 94-07		SECT. TOWNSHIP/BLK 4 10S 22E		RGE/SUR. 22E		PANHANDLE/REDCAVE SEQ. NUMBER		K-FACTOR		FORMATION WASATCH SAND FLOW TEST	
WELL ON (OPEN)		DATE (COMP.)		ORIFICE SIZE		METER RUN SIZE		COEFFICIENT		GRAVITY (SEP.)	
MO. DAY YR.		MO. DAY YR.		MO. DAY YR.		MO. DAY YR.		MO. DAY YR.		MO. DAY YR.	
11-12 13-14 15-16 17-18 19-20 21-22 23		27 28 29 30 31		32 33 34 35 36		37 38 39 40 41		42 43 44 45 46		47 48 49 50 51	
XX XX XX XX XX XX XX		XX XX XX XX XX XX XX		XX XX XX XX XX XX XX		XX XX XX XX XX XX XX		XX XX XX XX XX XX XX		XX XX XX XX XX XX XX	
06 15 83		06 28 83		00 500		2 067		01-19 0 0 603		100 0004 0 07 00 075	
WELL-OFF (SHUT-IN)		SHUT-IN TEST		SLOPE		EFFECTIVE DIAMETER		EFFECTIVE LENGTH		GRAVITY (RAW GAS)	
MO. DAY YR.		MO. DAY YR.		MO. DAY YR.		MO. DAY YR.		MO. DAY YR.		MO. DAY YR.	
11-12 13-14 15-16 17-18 19-20 21-22 23		27 28 29 30 31		32 33 34 35 36		37 38 39 40 41		42 43 44 45 46		47 48 49 50 51	
XX XX XX XX XX XX XX		XX XX XX XX XX XX XX		XX XX XX XX XX XX XX		XX XX XX XX XX XX XX		XX XX XX XX XX XX XX		XX XX XX XX XX XX XX	
06 25 83		06 28 83		00 700		027		2 4410		5134	
REMARKS:		Packer in casing!									
84407		00500									

FORM CIG 4898-7/73

COLORADO INTERSTATE GAS COMPANY

STATE COPY

WELL TEST DATA FORM

WELL CODE 560-01-11		FIELD NAME NATURAL HUTTES, UT		OPERATOR CODE 221		OPERATOR NAME COASTAL OIL & GAS CORPORATION		WELL NAME UT TRAIL	
WELL CODE 94407		LOCATION SECT. TWNSHIP/BLK 1 S 22 E		PANHANDLE/REDCAVE SEQ. NUMBER 00500		FORMATION SANDSTON		FLOW TEST 1	
WELL ON (OPEN)		DATE (COMP.)		ORIFICE SIZE		METER RUN SIZE		FLOW TEST	
MO.	DAY	YR.	MO.	DAY	YR.	ORIFICE SIZE	METER RUN SIZE	COEFFICIENT	GRAVITY (SEP.)
11-12	13-14	15-16	17-18	19-20	21-22	23	27-28	32-33	38-39
X X	X X	X X	X X	X X	X X	X X	X X X X	X X X X X	X X X X X
08	31	82	09	02	82	00	500	012190	0.606
WELL-OFF (SHUT-IN)		SHUT-IN TEST		SLOPE		EFFECTIVE DIAMETER		EFFECTIVE LENGTH	
MO.	DAY	YR.	MO.	DAY	YR.	DATE	CASING PRESSURE (PSIG)	TUBING PRESSURE (PSIG)	GRAVITY (RAW GAS)
11-12	13-14	15-16	17-18	19-20	21-22	23	28	29	34
X X	X X	X X	X X	X X	X X	X X X X X	X	X X X X X	X X X X X
07	42	82	09	10	82	00	8530	008190	0.606
METER STAMP		94407		00500		REMARKS:			

TO THE BEST OF MY KNOWLEDGE THE ABOVE DATA IS CORRECT.

CIG:

OPERATOR:

COMMISSION:

COLORADO INTERSTATE GAS COMPANY

STATE COPY

WELL TEST DATA FORM

FIELD CODE 560-01-11		FIELD NAME NATURAL BUTTES		OPERATOR CODE 2915		OPERATOR NAME COASTAL OIL & GAS CORPORATION		WELL NAME UTE TRAIL		7																										
WELL CODE 94407		LOCATION SECT. 4 TWP. 10S RGE. 22E		PANHANDLE/REDCAVE SEQ. NUMBER		FORMATION WASATCH SA FLOW TEST																														
WELL ON (OPEN)		DATE (COMP.)		ORIFICE SIZE		METER RUN SIZE		COEFFICIENT		GRAVITY (SEP.)		METER DIFF. RANGE		METER PRESSURE		DIFFERENTIAL ROOTS		METER TEMP.		WELL HEAD TEMP.		FLOWING TSG/CSG PRESSURE		STATIC TSG/CSG PRESSURE		FLOWING STRING TUBING CASING										
MO.	DAY	YR.	MO.	DAY	YR.																															
11	12	13	14	15	16	17	18	19	20	21	22	23	27	28	32	33	38	39	42	43	45	46	51	52	55	56	58	59	61	62	67	68	73	74	75	
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X
09	22	81	09	29	81	CO	500	2	067				0	607	100	007190	04	60	081	057	007400	007600														
WELL-OFF (SHUT-IN)		PRESSURE TAKEN		DATE		CASING PRESSURE (PSIG)		TUBING PRESSURE (PSIG)		SLOPE		EFFECTIVE DIAMETER		EFFECTIVE LENGTH		GRAVITY (RAW GAS)		EST. CSG PRESS.		EST. TSG PRESS.		TO THE BEST OF MY KNOWLEDGE THE ABOVE DATA IS CORRECT.														
MO.	DAY	YR.	MO.	DAY	YR.																															
11	12	13	14	15	16	17	18	19	20	21	22	23	28	29	34	35	38	39	44	45	49	50	53	54	55											
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X													
06	15	81	06	18	81	006900	010420			627	2	4410	5134	0	607																					
REMARKS: Packer in casing.																																				
94407 00500																																				

COLORADO INTERSTATE GAS COMPANY

WELL TEST DATA FORM

STATE COPY

FIELD CODE 560-01-11		FIELD NAME NATURAL BUTTES		OPERATOR CODE 2715		OPERATOR NAME GAS PRODUCING ENTERPRISES, INC		WELL NAME UTE TRAIL		7																					
WELL CODE 94407		LOCATION TWP 39 N R 13 E S 22		FANHANDLE/REDCAVE SSO. NUMBER		FORMATION MAYATCH SA		FLOW TEST																							
WELL ON (OPEN)		DATE (COMP.)		ORifice SIZE		METER RUN SIZE		COEFFICIENT		GRAVITY (SGP.)		METER DIFF. RANGE		METER PRESSURE		DIFFERENTIAL ROOTS		METER TEMP.		WELL HEAD TEMP.		FLOWING (TSG/CSG) PRESSURE		STATIC TSG/CSG PRESSURE		FLOWING STRING TUBING CASING					
MO.	DAY	YR.	MO.	DAY	YR.	SIZE	SIZE																								
11	12	14	12	15	20	21	22	23	27	28	32	33	38	39	42	43	45	46	51	52	55	56	58	59	61	62	67	68	73	74	75
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	
08	14	80	08	21	80	00	500	2	067				170		00	492	0	05	80	085					00	493	0			X	
WELL (SHUT-IN)		DATE		Casing Pressure (PSIG)		Tubing Pressure (PSIG)		SLOPE		EFFECTIVE DIAMETER		EFFECTIVE LENGTH		GRAVITY (RAW GAS)		EST CSG PRESS		EST TBG PRESS		TO THE BEST OF MY KNOWLEDGE THE ABOVE DATA IS CORRECT.											
MO.	DAY	YR.	DATE	PSIG	PSIG																										
11	12	14	12	15	20	21	22	23	28	29	34	35	38	39	44	45	49	50	53	54	55										
X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	X	E	E									
08	11	80	08	14	80				634	2	4410		5134																		
METER STAMP		94407		00500		REMARKS:		No Casing Pressure : H2S A PACKER																							

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIP
(Other instruction
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. U-01191
2. NAME OF OPERATOR Coastal Oil & Gas Corporation		6. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A
3. ADDRESS OF OPERATOR P.O. Box 749, Denver, Colorado 80201-0749		7. UNIT ACQUISITION NAME N/A
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 660' SNL & 660' WEL		8. FARM OR LEASE NAME Ute Trail
14. PERMIT NO. 43-047-15381		9. WELL NO. Ute Trail #7
15. ELEVATIONS (Show whether DF, BT, GR, etc.) 4912' KB		10. FIELD AND POOL, OR WILDCAT Natural Buttes Field
		11. SEC., T., R., M., OR BLM. AND SURVEY OR AREA Section 4-T10S-R22E
		12. COUNTY OR PARISH Uintah
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>
FRACURE TREAT	<input type="checkbox"/>	FRACURE TREATMENT	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	(Other)	<input type="checkbox"/>
(Other)	Temporarily Abandoned <input checked="" type="checkbox"/>	(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)	

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Due to present economic conditions and current market rates, the decision has been made to shut this well in and classify it as temporarily abandoned. If conditions improve, we plan to return this well to a producing status.

18. I hereby certify that the foregoing is true and correct

SIGNED Brenda W. Swank TITLE Assoc. Regulatory Analyst DATE 4-5-88

(This space for Federal or State office use)

APPROVED BY _____ TITLE _____ DATE _____

CONDITIONS OF APPROVAL, IF ANY: _____

*See Instructions on Reverse Side

Ute Trail U#7

Sec 4, T10S, R22E

Embry 1/11/89

— N



emergency
pit



○ well head

stock pile

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPL
(Other instructions
verse side)

Form approved.
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		3. LEASE DESIGNATION AND SERIAL NO. U-01191	
2. NAME OF OPERATOR Coastal Oil & Gas Corporation		4. IF INDIAN, ALLOTTEE OR TRIBE NAME N/A	
3. ADDRESS OF OPERATOR P.O. Box 749, Denver, CO 80201-0749		7. UNIT AGREEMENT NAME N/A	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface 660' SNL & 660' WEL		8. FARM OR LEASE NAME Ute Trail	
14. PERMIT NO. 43-047-15381		9. WELL NO. Ute Trail #7	
15. ELEVATIONS (Show whether SP, ST, OR, OR.) 4912' KB		10. FIELD AND POOL, OR WELDCAT Natural Buttes Field	
16. COUNTY OR PARISH Uintah		11. SEC. T. R. M. OR S.E. AND SURVEY OR AREA Section 4-T10S-R22E	
17. GRADE UT			

18. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF	<input type="checkbox"/>	WATER SHUT-OFF	<input type="checkbox"/>
FRACURE TREAT	<input type="checkbox"/>	FRACURE TREATMENT	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	SHOOTING OR ACIDIZING	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	(Other)	<input type="checkbox"/>
(Other)	<input type="checkbox"/>	(Note: Report results of multiple completion on Well Completion or Recoinjection Report and Log form.)	

19. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

See attached intended plug and abandon procedures for the above referenced well.
We are planning to plug twenty-two wells between December 1, 1989 and February 15, 1990. Your expediency in processing these sundry notices would be appreciated.

OIL AND GAS	
DRN	RJF
1. JRB	GLH
BTS	SLS
2. TAS	
3. MICROFILM	
4. FILE	

20. I hereby certify that the foregoing is true and correct

SIGNED Brenda W. Swanik TITLE Regulatory Analyst DATE 11-29-89
(This space for Federal or State office use)

APPROVED BY _____
CONDITIONS OF APPROVAL, IF ANY:

Federal approval of this action
is required before commencing
operations.

ACCEPTED BY THE STATE
OF UTAH DIVISION OF
OIL, GAS, AND MINING

DATE: 12-8-89
BY John R. Bay

*See instructions on Reverse Side

P&A PROCEDURE

UTE TRAIL #7
NATURAL BUTTES
UINTAH COUNTY, UTAH

WELL DATA

Location: 660' FNL & 660' FEL, Sec. 4, T10S, R22E
Elevation: GL = 5022' KB = 5034'
TD: 5510' PBD: 5427'
Casing: 13-3/8" 48#, CSA 169', cmt w/200 sx
8-5/8" 32# J-55, CSA 1802', cmt w/300 sx
5-1/2" 15.5# J-55, CSA 5510', cmt w/400 sx
Tubing: 2-3/8" 6.5# tubing @ 5154'

Casing Properties:

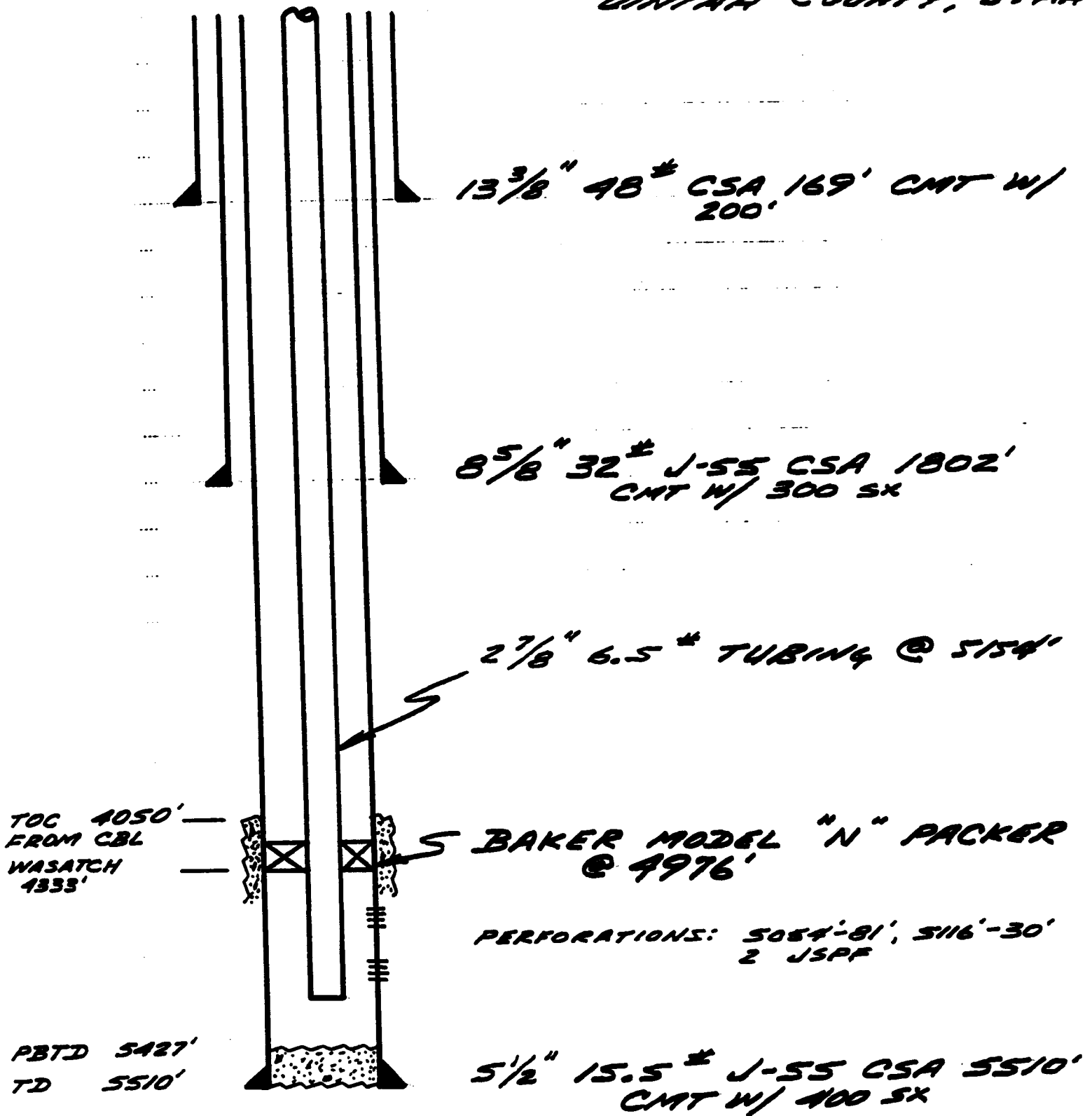
Description	ID	Drift	Capacity	Burst	Collapse
5-1/2" 15.5# J-55	4.950	4.825	.0240 bbl/ft	4810	4040
2-7/8" 6.5#	2.441	2.347	.00579 bbl/ft		

Perforations: 5054-5081', 5116-5130'

PROCEDURE

- 1) MIRU well servicing company.
- 2) ND wellhead, NU BOPE. TOH w/2-7/8" tubing. Strap tubing.
- 3) TIH w/2-7/8" tbg & cmt retainer. Set retainer @ 4700'. RU service company. Cmt squeeze perforations 5054'-5130' w/80 sx CL "G" cmt. Leave 5 sx cmt on top of retainer.
- 4) Close in wellbore. Pressure test 5-1/2" casing to 500 psi.
- 5) TIH w/perf gun. Perforate 4 holes at 2500'.
- 6) TIH w/cement retainer on 2-7/8" tubing. Set retainer at 2400'.
- 7) RU service company. Cement squeeze perforations at 2500' w/300 sx CL "G" cement. Monitor 8-5/8" x 5-1/2" annulus for flow.
- 8) Unsting from cement retainer leaving 5 sx cement on top. TOH w/tubing.
- 9) ND BOPE. Cut off casing. Spot 10 sx cement plug at surface.
- 10) Weld on cap. Erect dry hole marker showing company name, well name, location and lease number.

WELL SCHEMATIC
 UTE TRAIL #7
 UINTAH COUNTY, UTAH



UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPlicate
(Other instructions on
verse side)

Form approved
Budget Bureau No. 1004-0135
Expires August 31, 1985

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different formation.
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. ☐ OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Coastal Oil & Gas Corporation

3. ADDRESS OF OPERATOR

P.O. Box 749, Denver, Colorado 80201-0749

4. LOCATION OF WELL (Report location clearly and in accordance with any State or Federal requirements.
See also sheet 17 below.)
At surface

660' FNL & 660' FEL

16. PERMIT NO.

43-047-15381

18. ELEVATIONS (Show whether of, to, or from.)

5,022' GL

5. LEASE DESIGNATION AND SERIAL NO.

U-01191

6. IF INDIAN, ALLOTTEE OR TRUST NAME

N/A

7. UNIT AGREEMENT NAME

N/A

8. NAME OF LEASE NAME

Ute Trail

9. WELL NO.

Ute Trail #7

10. FIELD AND FOOT, OR WILDCAT

Natural Buttes Field

11. SEC. T. R. N. OR S.W. AND
CORNER OR AREA

Section 4, T10S-R22E

12. COUNTY OR PARISH 13. STATE

Uintah

Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

FRACURE TREAT

SHOOT OR ACIDIZE

REPAIR WELL

(Other)

PULL OR ALTER CASING

MULTIPLE COMPLETE

ABANDON*

CHANGE PLANS

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT*

(Note: Report results of multiple completion on Well
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATION (Clearly state all pertinent details, and give pertinent data, including estimated date of starting any proposed work. If well is directionally drilled, give compass bearings and measured and true vertical depths for all markers and nodes pertinent to this work.)

See the attached chronological report for the plug and abandonment procedure performed on the above-referenced well from April 2-6, 1990.

OIL AND GAS	
DPN	RT
JRB	CLH
DTS	SLS
1-TAS	
2-	MICROFILM
3-	FILE

18. I hereby certify that the foregoing is true and correct

SIGNED

Timothy F. Schuba

TITLE

Administrative Manager

DATE

5-1-90

(This space for Federal or State other use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

*See instructions on Reverse Side

THE COASTAL CORPORATION
PRODUCTION REPORT

CHRONOLOGICAL HISTORY

Page 1

UTE TRAIL #7 (P&A)
NATURAL BUTTES FIELD
UINTAH COUNTY, UTAH
WI: 85.2238% COGC AFE: 12405
TD: 5510' PBD: 5427'
CWC(M\$): \$16.0

- 4/2/90 MIRU Pool Well Service Rig #298. Dig out 8-5/8" & 13-3/8". ND tree, NU head. RIH w/2.36" gauge ring. Ring stopped at 4991'. RIH w/jet cutter. Cut tbg @ 4985'. RD wireline. POOH w/2-7/8" tbg. Tbg was junk. LD tbg. PU 5-1/2" csg scraper. PU 2-3/8" tbg.
DC: \$4,230 TC: \$4,230
- 4/3/90 RIH to 4955' w/csg scraper. Pmp 80 bbls @ 5 BPM. No returns. POOH. RIH w/cmt ret to 4700'. Inj rate 1.5 BPM @ 1200 psi. Pmp 75 sx Class "G" cmt through retainer. Left 5 sx on top. POOH LD excess tbg. RIH to 2766'. Spot 150 sx Class "G" + 1% CaCl. POOH. SDFN. Plugs witnessed by Bill Owens.
DC: \$7,180 TC: \$11,410
- 4/4/90 RIH tag cmt @ 2383'. POOH to 1854'. Spot 13 sx Class "G". POOH to 1115'. Load hole. Lost circ. RIH to 1860'. Spot 20 sxs Class "G" w/2% CaCl. POOH wait 3 hrs. RIH to 1854'. Found no plug. Spot 50 sxs Class "G" w/2% CaCl. Lost circ while pmpg. POOH. SDFN.
DC: \$5,380 TC: \$16,790
- 4/5/90 RIH tag cmt @ 1207'. POOH. Spot 12 sxs Class "G" cmt from 1115' to 1015'. POOH LD tbg. RU wireline. Perf 4 SPF @ 169' @ 13-3/8" csg shoe. Pmp 100 bbls wtr w/no returns. Pmp 50 sxs Class "G" + 4% CaCl. WOC 1-1/2 hrs. Pmp 70 sxs Class "G" down 5-1/2" csg, no returns. Pmp 50 sxs Class "G" down 13-3/8". Filled up. SDFN.
DC: \$5,780 TC: \$22,570
- 4/6/90 Pmp 20 BW down 8-5/8" csg, no returns. Pmp 70 sxs Class "G" + 2% CaCl + 25# Cello Flake. Well circ. Cut off head. Fill 13-3/8" & 9-5/8" & 5-1/2" w/150 sxs Class "G". Weld on dry hole marker. Witnessed by Roy Arnold.
DC: \$4,280 TC: \$26,850

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry to a different reservoir.
Use "APPLICATION FOR PERMIT—" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well <input type="checkbox"/> Oil Well <input checked="" type="checkbox"/> Gas Well <input type="checkbox"/> Other	2. Name of Operator Coastal Oil & Gas Corporation	3. Address and Telephone No. P. O. Box 749 Denver, CO 80201-0749	4. Location of Well (Footage, Sec., T., R., M., or Survey Description) 660' FNL & 660' FEL Section 4, T10S-R22E	5. Lease Designation and Serial No. U-01191	6. If Indian, Allottee or Tribe Name N/A	7. If Unit or CA, Agreement Designation Natural Buttes Unit	8. Well Name and No. Ute Trail #7	9. API Well No. 43-047-15381	10. Field and Pool, or Exploratory Area Natural Buttes	11. County or Parish, State Uintah County, Utah
--	--	---	---	--	---	--	--------------------------------------	---------------------------------	---	--

CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> Notice of Intent <input type="checkbox"/> Subsequent Report <input checked="" type="checkbox"/> Final Abandonment Notice	<input checked="" type="checkbox"/> Abandonment <input type="checkbox"/> Recompletion <input type="checkbox"/> Plugging Back <input type="checkbox"/> Casing Repair <input type="checkbox"/> Altering Casing <input type="checkbox"/> Other	<input type="checkbox"/> Change of Plans <input type="checkbox"/> New Construction <input type="checkbox"/> Non-Routine Fracturing <input type="checkbox"/> Water Shut-Off <input type="checkbox"/> Conversion to Injection <input type="checkbox"/> Dispose Water <small>(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)</small>

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

The above referenced location has been reclaimed and seeded per BLM specifications and is now ready for final inspection.

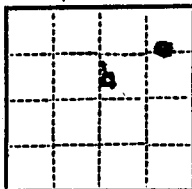
14. I hereby certify that the foregoing is true and correct.		
Signed <i>[Signature]</i> (This space for Federal or State office use)	Title <u>Regulatory Analyst</u>	Date <u>4/8/92</u>
Approved by _____	Title _____	Date _____
Conditions of approval, if any:		

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

API # 43-047-1589

Form 9-593
(April 1953)

4 3 2 1



UNITED STATES
DEPARTMENT OF THE INTERIOR
GEOLOGICAL SURVEY
CONSERVATION DIVISION

INDIVIDUAL WELL RECORD

Sec. 4T. 10 S.R. 22 E.3 1 Mer.

PUBLIC LAND:

Date August 3, 1964Ref. No. 8Land office Utah State UtahSerial No. 01191 County UintahLessee DeKalb Agric. Assoc., Inc. et al Field Bitter CreekOperator DeKalb Agric. Assoc., Inc. District Salt Lake CityWell No. 7 Subdivision Lot 1 (NE 1/4)Location 600 ft. from N. line and 660 ft. from E. line of sec. 4Drilling approved Oct. 12, 1959 Well elevation 4912 KB feetDrilling commenced Oct. 14, 1959 Total depth 5510 feetDrilling ceased Oct. 30, 1959 Initial production 7,500,000Completed for production Nov. 24, 1959 Gravity A. P. I. _____Abandonment approved 12/28, 1992 Initial R. P. _____

Geologic Formations

Productive Horizons

Surface

Lowest tested

Name

Depths

Contents

Geologic Formations	Productive Horizons	Contents
Surface	Lowest tested	
<u>Uinta</u>	<u>Wasatch</u>	<u>Wasatch</u>
		<u>5054-5081</u>
		<u>5116-5130</u>
		<u>Gas</u>
		<u>Gas</u>

WELL STATUS

YEAR	JAN.	FEB.	MAR.	APR.	MAY	JUNE	JULY	AUG.	SEPT.	OCT.	NOV.	DEC.
1959										Drg. 3640'	OSI 5510'	
1961											POW	
1990		NIA			SRA							
1992												PTA

REMARKS formerly Ute Trail Unit (7-1-64)

RECEIVED

JAN 12 1993

U. S. GOVERNMENT PRINTING OFFICE

16-38087-4

REPLACEMENT

DIVISION OF
OIL GAS & MINING

JAN. 17. 2003 3:34PM

TPORT

NO. 173

P. 2

**WESTPORT OIL AND GAS COMPANY, L.P.**

410 Seventeenth Street #2300 Denver Colorado 80202-4436
Telephone: 303 573 5404 Fax: 303 573 5609

February 1, 2002

Department of the Interior
Bureau of Land Management
2850 Youngfield Street
Lakewood, CO 80215-7093
Attention: Ms. Martha Maxwell

RE: BLM Bond CO-1203
BLM Nationwide Bond 158626364
Surety - Continental Casualty Company
Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.
Conversion of Westport Oil and Gas Company, Inc., into Westport Oil and Gas Company, L.P.
Assumption Rider - Westport Oil and Gas Company, L.P.

Dear Ms. Maxwell:

Pursuant to our recent conversations, please find the following list of enclosures for the BLM's consideration and approval:

Two (2) Assumption Riders, fully executed originals.
Copies of Belco Energy Corporation merger into Westport Oil and Gas Company, Inc.
Copies of Westport Oil and Gas Company, Inc., conversion into Westport Oil and Gas Company, L.P.
List of all Federal/BIA/State Leases - Belco/Westport's leases - in all states.

Please inform us of any additional information needed to complete the change to Westport Oil and Gas Company, L.P., as operator of record.

I thank you for your assistance and cooperation in this matter. Please do not hesitate contacting the undersigned, should a question arise.

Sincerely,
Westport Oil and Gas Company, L.P.

Debby J. Black
Engineer Technician

Encl;



United States Department of the Interior **RECEIVED**

BUREAU OF LAND MANAGEMENT

Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155

FEB 22 2002

DIVISION OF
OIL, GAS AND MINING

In Reply Refer To:

3106

UTU-25566 et al

(UT-924)

FEB 21 2002

NOTICE

Westport Oil and Gas Company L.P. : Oil and Gas
410 Seventeenth Street, #2300 :
Denver Colorado 80215-7093 :

Name Change Recognized

Acceptable evidence has been received in this office concerning the name change of Westport Oil and Gas Company, Inc. into Westport Oil and Gas Company, L.P. with Westport Oil and Gas Company, L.P. being the surviving entity.

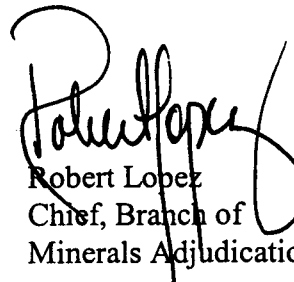
For our purposes, the name change is recognized effective December 31, 2001.

The oil and gas lease files identified have been noted as to the name change. The exhibit was compiled from a list of leases obtained from our computer program. We have not abstracted the lease files to determine if the entities affected by this name change hold an interest in the leases identified nor have we attempted to identify leases where the entities are the operator on the ground maintaining no vested recorded title or operating rights interests. We will be notifying the Minerals Management Service and all applicable Bureau of Land Management offices of the change by a copy of this notice. If additional documentation for changes of operator are required by our Field Offices, you will be contacted by them.

If you identify additional leases in which the entities maintain an interest, please contact this office and we will appropriately document those files with a copy of this Notice.

Due to the name change, the name of the principal/obligor on the bond is required to be changed from Westport Oil and Gas Company, Inc. to Westport Oil and Gas Company, L.P.. You may accomplish this either by consent of surety rider on the original bond or a rider to the original bond. The bonds are held in Colorado.

UTU-03405
UTU-20895
UTU-25566
UTU-43156
UTU-49518
UTU-49519
UTU-49522
UTU-49523



Robert Lopez
Chief, Branch of
Minerals Adjudication

cc: Moab Field Office
Vernal Field Office
MMS, Reference Data Branch, MS3130, PO Box 5860, Denver CO 80217
State of Utah, DOGM, Attn: Jim Thompson (Ste. 1210), Box 145801, SLC UT 84114
Teresa Thompson (UT-922)
Joe Incardine (UT-921)

UNITED STATES GOVERNMENT

memorandum

Branch of Real Estate Services
Uintah & Ouray Agency

Date: 5 December, 2002

Reply to
Attn of: Supervisory Petroleum Engineer

Subject: Modification of Utah Division of Oil, Gas and Mining Regulations

To: Director, Utah Division of Oil, Gas and Mining Division: John Baza

We have been advised of changes occurring with the operation of your database for Change of Operator. You will be modifying your records to reflect Change of Operator once you have received all necessary documentation from the companies involved, and perhaps in advance of our Notice of Concurrence/Approval of Change of Operator where Indian leases are involved.

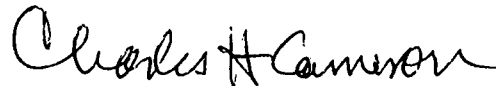
We have no objection.

With further comment to Rulemaking, I wish to comment concerning the provision of Exhibits for upcoming Hearings. I would like to see the Uintah & Ouray Agency, BIA, and the Ute Indian Tribe, Energy & Mineral Resources Department added to the list of those parties that receive advance Exhibits so as to allow us to have research time prior to Hearing dates. We will be able to provide a more informed recommendation to the Oil, Gas and Mining Board. It would be best if we would receive only those Exhibits that concern Indian lands, specifically on or adjacent to Indian lands. This may be a difficult situation to attain, as it is not always clear where 'on or adjacent' occurs.

I am aware that you have gone to extra effort to correct this matter already, and I fully appreciate it. My request is intended only to allow the addition of Uintah & Ouray Agency and Ute Indian Tribe to the official listing.

We appreciate your concern, and hope that these comments are timely enough for consideration in the revision process.

CC: Minerals & Mining Section of RES
Ute Energy & Mineral Resources Department: Executive Director
chrono



**United States Department of the Interior****BUREAU OF INDIAN AFFAIRS**

Washington, D.C. 20240

FEB 10 2003IN REPLY REFER TO:
Real Estate Services

**Carroll A. Wilson
Principal Landman
Westport Oil and Gas Company, L.P.
1368 South 1200 East
Vernal, Utah 84078**

Dear Mr. Wilson:

This is in response to your request for approval of RLI Insurance Company's Nationwide Oil and Gas Lease Bond No. RLB0005239 executed effective December 17, 2002, (\$150,000 coverage) with Westport Oil and Gas Company, L. P., as principal.

This bond is hereby approved as of the date of this correspondence and will be retained in the Bureau of Indian Affairs' Division of Real Estate Services, 1849 C Street, NW, MS-4512-MIB, Washington, D.C. 20240. All Bureau oil and gas regional offices and the surety are being informed of this action.

In cases where you have existing individual and/or collective bonds on file with one or more of our regional offices, you may now request those offices, directly, to terminate in lieu of coverage under this Nationwide Bond.

Enclosed is a copy of the approved bond for your files. If we may be of further assistance in this matter, please advise.

Sincerely,**Director, Office of Trust Responsibilities****ACTING****Enclosure**

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

FORM 9

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

5. LEASE DESIGNATION AND SERIAL NUMBER:

6. IF INDIAN, ALLOTTEE OR TRIBE NAME:

7. UNIT or CA AGREEMENT NAME:

8. WELL NAME and NUMBER:

Exhibit "A"

9. API NUMBER:

10. FIELD AND POOL, OR WILDCAT:

1. TYPE OF WELL

OIL WELL ☐

GAS WELL ☐

OTHER

2. NAME OF OPERATOR:

El Paso Production Oil & Gas Company

3. ADDRESS OF OPERATOR:

9 Greenway Plaza

Houston

STATE TX

77064-0995

PHONE NUMBER:

(832) 676-5933

4. LOCATION OF WELL

FOOTAGES AT SURFACE:

COUNTY:

QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN:

STATE:

UTAH

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will start: _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARILY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input checked="" type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLARE
<input type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of work completion: _____	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/RESUME)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input type="checkbox"/> OTHER: _____
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Operator change to Westport Oil and Gas Company, L.P., 1670 Broadway, Suite 2800, Denver, CO. 80202-4800, effective December 17, 2002.

BOND # _____

State Surety Bond No. RLB0005236
Fee Bond No. RLB0005238

EL PASO PRODUCTION OIL & GAS COMPANY

By:

Jon R. Nelsen, Attorney-in-Fact

RECEIVED

FEB 28 2003

DIV. OF OIL, GAS & MINING

WESTPORT OIL AND GAS COMPANY, L.P.

NAME (PLEASE PRINT)

David R. Dix

TITLE

Agent and Attorney-in-Fact

SIGNATURE

DATE

12/17/02

(This space for State use only)

Form 3160-5
(August 1999)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

*Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.*FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.

SEE ATTACHED EXHIBIT "A"

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

SEE ATTACHED EXHIBIT "A"

9. API Well No.

SEE ATTACHED EXHIBIT "A"

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UT

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY, L.P.

3a. Address

P.O. BOX 1148 VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7023

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED EXHIBIT "A"

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION

☐ Notice of Intent☐ Subsequent Report☐ Final Abandonment Notice

TYPE OF ACTION

☐ Acidize☐ Alter Casing☐ Casing Repair☐ Change Plans☐ Convert to Injection☐ Deepen☐ Fracture Treat☐ New Construction☐ Plug and Abandon☐ Plug Back☐ Production (Start/Resume)☐ Reclamation☐ Recomplete☐ Temporarily Abandon☐ Water Disposal☐ Water Shut-Off☐ Well Integrity☒ OtherSUCCESSOR OF
OPERATOR

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompletes horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zone. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed when testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator determined that the site is ready for final inspection.

WESTPORT OIL & GAS COMPANY, L.P., IS CONSIDERED TO BE THE OPERATOR ON THE ATTACHED DESCRIBED LANDS AND IS RESPONSIBLE UNDER THE TERMS AND CONDITIONS OF THE LEASE FOR THE OPERATIONS CONDUCTED ON THE LEASED LANDS OR PORTIONS THEREOF, BOND COVERAGE FOR THIS WELL IS PROVIDED BY FEDERAL NATIONWIDE BOND NO. 158628364, EFFECTIVE FEBRUARY 1, 2002, AND BIA NATIONWIDE BOND NO. RLB0005239, EFFECTIVE FEBRUARY 10, 2003.

RECEIVED

MAR 04 2003

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

CHERYL CAMERON

Title

OPERATIONS

Date

March 4, 2003

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

OPERATOR CHANGE WORKSHEET

ROUTING

1. GLH

2. CDW ☒

3. FILE

X Change of Operator (Well Sold)

Designation of Agent/Operator

Operator Name Change

Merger

The operator of the well(s) listed below has changed, effective: **12-17-02**

FROM: (Old Operator):	TO: (New Operator):
EL PASO PRODUCTION OIL & GAS COMPANY	WESTPORT OIL & GAS COMPANY LP
Address: 9 GREENWAY PLAZA	Address: P O BOX 1148
HOUSTON, TX 77064-0995	VERNAL, UT 84078
Phone: 1-(832)-676-5933	Phone: 1-(435)-781-7023
Account No. N1845	Account No. N2115

CA No.

Unit:

WELL(S)

NAME	SEC TWN RNG	API NO	ENTITY NO	LEASE TYPE	WELL TYPE	WELL STATUS
HALL 6-135 (CA CR-12)	06-09S-22E	43-047-33456	12712	FEE	GW	P
HALL 6-138 (CA CR-12)	06-09S-22E	43-047-33457	12716	FEE	GW	P
TRIBAL 6-140	06-09S-22E	43-047-33459	13583	INDIAN	GW	DRL
TRIBAL 6-139	06-09S-22E	43-047-33458	99999	INDIAN	GW	APD
NBU 12	18-09S-22E	43-047-30119	9241	FEDERAL	GW	PA
NBU 13	30-09S-22E	43-047-30120	9242	FEDERAL	GW	PA
NBU 8	33-09S-22E	43-047-30108	9245	FEDERAL	GW	PA
SOUTHMAN CYN 31-1-L (UTU-74898)	31-09S-23E	43-047-32543	11678	FEDERAL	GW	P
SOUTHMAN CANYON 31-2	31-09S-23E	43-047-34725	99999	FEDERAL	GW	DRL
SOUTHMAN CANYON 31-3	31-09S-23E	43-047-34726	13717	FEDERAL	GW	DRL
SOUTHMAN CANYON 31-4	31-09S-23E	43-047-34727	99999	FEDERAL	GW	DRL
DESERT SPRINGS 24-B-9	24-10S-18E	43-047-32181	11469	FEDERAL	GW	PA
DESERT SPRINGS 29-1	29-10S-19E	43-047-31961	11470	FEDERAL	GW	PA
NBU 296	24-10S-20E	43-047-32886	12472	FEDERAL	GW	PA
NBU 12-5-10-21 GR	05-10S-21E	43-047-30426	11634	FEDERAL	OW	P
UINTAH UNIT 1	16-10S-21E	43-047-15375	9260	STATE	WS	PA
NBU 76	26-10S-21E	43-047-31084	99998	FEDERAL	GW	PA
NBU 40	35-10S-21E	43-047-30871	99998	FEDERAL	GW	PA
UTE TRAIL U 7	04-10S-22E	43-047-15381	9261	FEDERAL	GW	PA
NBU 1	05-10S-22E	43-047-20268	9243	FEDERAL	GW	PA

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

- (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 02/28/2003
- (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 03/04/2003
- The new company has been checked through the **Department of Commerce, Division of Corporations Database** on: 03/06/2003
- Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- If **NO**, the operator was contacted contacted on: _____

6. (R649-9-2) Waste Management Plan has been received on: IN PLACE

7. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM-12/31/2003 BIA-12/5/02

8. **Federal and Indian Units:**

The BLM or BIA has approved the successor of unit operator for wells listed on: 02/27/2003

9. **Federal and Indian Communization Agreements ("CA"):**

The BLM or BIA has approved the operator for all wells listed within a CA on: 01/09/2003

10. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, Transfer of Authority to Inject, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: N/A

DATA ENTRY:

1. Changes entered in the Oil and Gas Database on: 03/27/2003
2. Changes have been entered on the Monthly Operator Change Spread Sheet on: 03/27/2003
3. Bond information entered in RBDMS on: N/A
4. Fee wells attached to bond in RBDMS on: N/A

STATE WELL(S) BOND VERIFICATION:

1. State well(s) covered by Bond Number: RLB 0005236

FEDERAL WELL(S) BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: 158626364

INDIAN WELL(S) BOND VERIFICATION:

1. Indian well(s) covered by Bond Number: RLB 0005239

FEE WELL(S) BOND VERIFICATION:

1. (R649-3-1) The NEW operator of any fee well(s) listed covered by Bond Number RLB 0005238
2. The FORMER operator has requested a release of liability from their bond on: N/A
The Division sent response by letter on: N/A

LEASE INTEREST OWNER NOTIFICATION:

3. (R649-2-10) The FORMER operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: N/A

COMMENTS:

Division of Oil, Gas and Mining
OPERATOR CHANGE WORKSHEET

ROUTING

1. DJJ
 2. CDW

X Change of Operator (Well Sold)

Operator Name Change/Merger

The operator of the well(s) listed below has changed, effective:

1/6/2006

FROM: (Old Operator):

N2115-Westport Oil & Gas Co., LP
 1368 South 1200 East
 Vernal, UT 84078
 Phone: 1-(435) 781-7024

TO: (New Operator):

N2995-Kerr-McGee Oil & Gas Onshore, LP
 1368 South 1200 East
 Vernal, UT 84078
 Phone: 1-(435) 781-7024

CA No.

Unit:

WELL NAME

SEC TWN RNG

API NO

ENTITY
NO

LEASE
TYPE

WELL
TYPE

WELL
STATUS

OPERATOR CHANGES DOCUMENTATION

Enter date after each listed item is completed

1. (R649-8-10) Sundry or legal documentation was received from the **FORMER** operator on: 5/10/2006
2. (R649-8-10) Sundry or legal documentation was received from the **NEW** operator on: 5/10/2006
3. The new company was checked on the **Department of Commerce, Division of Corporations Database** on: 3/7/2006
- 4a. Is the new operator registered in the State of Utah: YES Business Number: 1355743-0181
- 4b. If **NO**, the operator was contacted on: _____
- 5a. (R649-9-2) Waste Management Plan has been received on: IN PLACE
- 5b. Inspections of LA PA state/fee well sites complete on: n/a
- 5c. Reports current for Production/Disposition & Sundries on: ok
6. **Federal and Indian Lease Wells:** The BLM and or the BIA has approved the merger, name change, or operator change for all wells listed on Federal or Indian leases on: BLM 3/27/2006 BIA not yet
7. **Federal and Indian Units:**
 The BLM or BIA has approved the successor of unit operator for wells listed on: 3/27/2006
8. **Federal and Indian Communization Agreements ("CA"):**
 The BLM or BIA has approved the operator for all wells listed within a CA on: n/a
9. **Underground Injection Control ("UIC")** The Division has approved UIC Form 5, **Transfer of Authority to Inject**, for the enhanced/secondary recovery unit/project for the water disposal well(s) listed on: _____

DATA ENTRY:

1. Changes entered in the **Oil and Gas Database** on: 5/15/2006
2. Changes have been entered on the **Monthly Operator Change Spread Sheet** on: 5/15/2006
3. Bond information entered in RBDMS on: 5/15/2006
4. Fee/State wells attached to bond in RBDMS on: 5/16/2006
5. Injection Projects to new operator in RBDMS on: _____
6. Receipt of Acceptance of Drilling Procedures for APD/New on: n/a Name Change Only

BOND VERIFICATION:

1. Federal well(s) covered by Bond Number: CO1203
2. Indian well(s) covered by Bond Number: RLB0005239
3. (R649-3-1) The **NEW** operator of any fee well(s) listed covered by Bond Number RLB0005236
- a. The **FORMER** operator has requested a release of liability from their bond on: n/a rider added KMG
- The Division sent response by letter on: _____

LEASE INTEREST OWNER NOTIFICATION:

4. (R649-2-10) The **FORMER** operator of the fee wells has been contacted and informed by a letter from the Division of their responsibility to notify all interest owners of this change on: 5/16/2006

COMMENTS:

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

KERR-McGEE OIL & GAS ONSHORE LP

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

PLEASE BE ADVISED THAT KERR-McGEE OIL & GAS ONSHORE LP, IS CONSIDERED TO BE THE OPERATOR OF THE ATTACHED WELL LOCATIONS. EFFECTIVE JANUARY 6, 2006.

KERR-McGEE OIL & GAS ONSHORE LP, IS RESPONSIBLE UNDER TERMS AND CONDITIONS OF THE LEASE(S) FOR THE OPERATIONS CONDUCTED UPON LEASE LANDS. BOND COVERAGE IS PROVIDED BY STATE OF UTAH NATIONWIDE BOND NO. RLB0005237.

RECEIVED

MAY 10 2006

DIV. OF OIL, GAS & MINING

BLM BOND = C01203

BIA BOND = RLB0005237

APPROVED 5/16/06

Earlene Russell

Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

RANDY BAYNE

Signature

Title

DRILLING MANAGER

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on reverse)

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or reenter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0135
Expires November 30, 2000

5. Lease Serial No.

MULTIPLE LEASES

6. If Indian, Allottee or Tribe Name

7. If Unit or CA/Agreement, Name and/or No.

8. Well Name and No.

MUTIPLE WELLS

9. API Well No.

10. Field and Pool, or Exploratory Area

11. County or Parish, State

UINTAH COUNTY, UTAH

SUBMIT IN TRIPLICATE - Other instructions on reverse side

1. Type of Well

☐ Oil Well ☒ Gas Well ☐ Other

2. Name of Operator

WESTPORT OIL & GAS COMPANY L.P.

3a. Address

1368 SOUTH 1200 EAST VERNAL, UT 84078

3b. Phone No. (include area code)

(435) 781-7024

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

SEE ATTACHED

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment Notice	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other CHANGE OF OPERATOR
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug and Abandon	<input type="checkbox"/> Temporarily Abandon	
	<input type="checkbox"/> Convert to Injection	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operations (clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.

EFFECTIVE JANUARY 6, 2006, WESTPORT OIL & GAS COMPANY L.P., HAS RELINQUISHED THE OPERATORSHIP OF THE ATTACHED WELL LOCATIONS TO KERR-McGEE OIL & GAS ONSHORE LP.

APPROVED 5/16/06
Earlene Russell
Division of Oil, Gas and Mining
Earlene Russell, Engineering Technician

RECEIVED
MAY 10 2006

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Name (Printed/Typed)

BRAD LANEY

Title

ENGINEERING SPECIALIST

Signature

Date

May 9, 2006

THIS SPACE FOR FEDERAL OR STATE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Colorado State Office
2850 Youngfield Street
Lakewood, Colorado 80215-7076

IN REPLY REFER TO:

CO922 (MM)
3106
COC017387 et. al.

March 23, 2006

NOTICE

Kerr-McGee Oil & Gas Onshore L.P. :
1999 Broadway, Suite 3700 : Oil & Gas
Denver, CO 80202 :

Merger/Name Change - Recognized

On February 28, 2006 this office received acceptable evidence of the following mergers and name conversion:

Kerr-McGee Oil & Gas Onshore L.P., a Delaware Limited Partnership, and Kerr-McGee Oil & Gas Onshore LLC, a Delaware Limited Partnership merger with and into Westport Oil and Gas Company L.P., a Delaware Limited Partnership, and subsequent Westport Oil & Gas Company L.P. name conversion to Kerr-McGee Oil & Gas Onshore L.P.

For our purposes the merger and name conversion was effective January 4, 2006, the date the Secretary of State of Delaware authenticated the mergers and name conversion.

Kerr-McGee Oil & Gas Onshore L.P. provided a list of oil and gas leases held by the merging parties with the request that the Bureau of Land Management change all their lease records from the named entities to the new entity, Kerr-McGee Oil & Gas Onshore L.P. In response to this request each state is asked to retrieve their own list of leases in the names of these entities from the Bureau of Land Management's (BLM) automated LR2000 data base.

The oil and gas lease files identified on the list provided by Kerr-McGee Oil & Gas Onshore L.P. have been updated as to the merger and name conversion. We have not abstracted the lease files to determine if the entities affected by the acceptance of these documents holds an interest in the lease, nor have we attempt to identify leases where the entity is the operator on the ground that maintains vested record title or operating rights interests. If additional documentation, for change of operator, is required you will be contacted directly by the appropriate Field Office. The Mineral Management Services (MMS) and other applicable BLM offices were notified of the merger with a copy of this notice

Please contact this office if you identify additional leases where the merging party maintains an interest, under our jurisdiction, and we will document the case files with a copy of this notice. If the leases are under the jurisdiction of another State Office that information will be forwarded to them for their action.

Three riders accompanied the merger/name conversion documents which will add Kerr-McGee Oil and Gas Onshore LLC as a principal to the 3 Kerr-McGee bonds maintained by the Wyoming State Office. These riders will be forward to them for their acceptance.

The Nationwide Oil & Gas Continental Casualty Company Bond #158626364 (BLM Bond #CO1203), maintained by the Colorado State Office, will remain in full force and effect until an assumption rider is accepted by the Wyoming State Office that conditions their Nationwide Safeco bond to accept all outstanding liability on the oil and gas leases attached to the Colorado bond.

If you have questions about this action you may call me at 303.239.3768.

/s/Martha L. Maxwell
Martha L. Maxwell
Land Law Examiner
Fluid Minerals Adjudication

Attachment:

List of OG Leases to each of the following offices:

MMS MRM, MS 357B-1

WY, UT, NM/OK/TX, MT/ND, WY State Offices

CO Field Offices

Wyoming State Office

Rider #1 to Bond WY2357

Rider #2 to Bond WY1865

Rider #3 to Bond WY1127



United States Department of the Interior

BUREAU OF LAND MANAGEMENT
Utah State Office
P.O. Box 45155
Salt Lake City, UT 84145-0155
<http://www.blm.gov>



IN REPLY REFER TO:
3106
(UT-922)

March 27, 2006

Memorandum

To: Vernal Field Office

From: Chief, Branch of Fluid Minerals

Subject: Merger Approval

Attached is an approved copy of the merger recognized by the Bureau of Land Management, Colorado State Office. We have updated our records to reflect the merger from Westport Oil and Gas Company L.P. into Kerr-McGee Onshore Oil and Gas Company. The merger was approved effective January 4, 2006.

Chief, Branch of
Fluid Minerals

Enclosure

Approval letter from BLM COSO (2 pp)

cc: MMS, Reference Data Branch, James Sykes, PO Box 25165, Denver CO 80225
State of Utah, DOGM, Attn: Earlene Russell, PO Box 145801, SLC UT 84114
Teresa Thompson
Joe Incardine
Connie Seare
Dave Mascarenas
Susan Bauman

RECEIVED

MAR 28 2006

U.S. OF CL, SAC & MEXICO